



Home Network
COMMAX

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Home Network
COMMAX

2008/2009 General Catalogue

www.commax.com

40th anniversary

2008/2009 GENERAL CATALOGUE



For the trade, installers, architects and planners

Home Network
COMMAX



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40th

Fortieth anniversary **COMMAX**

COMMAX innovation since 1968

COMMAX, has been developing products and marketing them for the global market over the last 40 years since its establishment in 1968.

Now COMMAX, as a world-renowned leading company in the field of interphones, video door phones, home automation and home network systems, has been exporting products under COMMAX brand to 120 different countries.

Also, COMMAX has been gaining technological competitiveness by continuous accumulation of technology and obtaining international quality certificates such as UL and TUV, and is now acknowledged as a top class company in the field of IT where it continues to strive for creating a new lifestyle of living environment for customers all over the world.





COMMAX Passion



Passion Over the Future

COMMAX's high credibility in quality and advanced technology, globally recognized, come from the sweat and passion of the people of COMMAX and their philosophy over customer's interests.

An accomplishment of advanced technology is formed through constant effort and creative self-development.

Over the past 40 years, the core philosophy in COMMAX's intention to develop special technology has come from placing itself in the position of customers with a positive attitude to satisfy our world wide customers.

COMMAX is striving for the satisfaction of customers as creating a better world as updating technology, ideology and high spirit philosophy .

COMMAX Vision

COMMAX's dream is to make a better world by producing better communication in our globe. COMMAX is aiming at becoming one of the top global brands, is now growing as a leading company in the field of IT by constant development, production and sales of leading world class products in the IT market of the 21st century.

COMMAX will do its utmost to become a better company by placing customers first and creating a future in cooperation with employees, share holders and partner companies on the basis of trust.





COMMAX 40th Anniversary

40th

Fortieth anniversary
COMMAX

COMMAX innovation since 1968

With COMMAX

The center of our digital world is always you, our customers. COMMAX has been with customers for 40 years and will be with customers for next 40 years too. COMMAX has always placed customers first and will strive for becoming a world class company for customers.



1970's COMMAX

-Designated as a good company for advancement of productivity

1980's COMMAX

-Awarded "distinguish service for Promotion and development a small and medium enterprise"
-Selected as one of the "Promising small-medium enterprises"
-Selected as the "Specialist in machinery factory" for medium enterprise market

1990's COMMAX

-Awarded "The achievement of \$5 million in exports"
-Acquisition of the "First national Video-phone UL standard certification"
-Awarded the "President's export enterprise medal" for achieving US \$10 million mark in exports
-Awarded the "Grand prize of electronic & commerce"
-Selected as one of the "Top 50 excellent quality competitiveness enterprise"

2000's COMMAX

-Awarded the "Grand prize of Korean trading promotion"
-Awarded "The achievement of \$30 million in exports" for being elected the top exporter.
-Selected for the "World's best product certification corporation"
-Awarded "Contest presidential award" in national productivity reformation
-Awarded the "2005 First brand award"
-Awarded the "2004 Good design award" by the Ministry of commerce, industry and energy
-Awarded "The achievement of 50 million in exports" for being elected the top exporter
-Awarded the "2007 Trust company award"



2007 Good Design by KIDP
2008 iF Design



CEO Message

Leading the World

COMMAX, established in 1968, has concentrated on electronic telecommunication for 40 years. We have become communications experts that have led communication development in Korea. As a leader among electronic enterprises in the world we help our customer's communication and business, COMMAX obtained the world's first UL certification on videophones and has achieved technological predominance in domestic and international markets.

Bongduk Byun

BONG-DUK, BYUN
CEO and Chairman

At present, COMMAX has a state-of the art factory which was established in 1994 in China and is a renowned enterprise in the international community that exports its products to more than 120 different countries. Our employees at COMMAX are always enthusiastically working hard to provide customer satisfaction and to earn customers' loyalty through distinguished design, outstanding quality, customer support and constant innovation. Through a customer satisfaction, research-oriented workforce together with global-minded management, we are focusing on enhancing our superior workmanship to achieve our vision of becoming a Global Top Brand. We are fully committed to always stand by our customer's needs, providing happiness in their homes and that added margin of conform and safety.

COMMAX History

40 years of profound change



1960's

1968. 4.1 Established under Jung Ang Electronic Industrial Co.

- 1973.04** Began exportation to UK, US, etc.(etc.does not look good, like other contries are not important)
- 1976.12** Move to New Manufacture in "Sungnam industrial complex"
- 1976.12** Corporate establishment of Jung Ang Electronic Industry Co.
- 1977.08** First national interphone (W1-1A) safety standards UL acquired from the US in Domestic market.
- 1978.04** Acquired the license of electronic & communication business.
- 1978.08** Acquired the license of import-export business.

1970's

1980's

- 1981. 10** Awarded the "Korean Green Cross Record" for fostering an accident-free workplace.
- 1982. 09** Selected as one of the "Promising Small-Medium Enterprises" by Hanil Bank.
- 1987. 04** Selected as one of the "Promising Medium Enterprises" in export.
- 1990.11** Awarded "The achievement of \$5 million in exports" by the Minister of commerce and industry for being elected the top exporter.

1990's

- 1993. 09** Acquired "The first Video Door Phone UL standard in the world"
- 1994. 10** Acquired the "First video door phone CSA standard in the world"
- 1994.11** Awarded the "President's export enterprise medal" for achieving US \$10 million mark in exports
- 1995. 01** Acquired the ISO-9001(Korean securities dealers association)
- 1997.02** Awarded the "Grand Prize of Korean Electronics Industry"
- 1998.07** Selected as a "Venture business patent and licensing" for the development of technology by the Small & Medium Business Ad-ministration (SMBIA)
- 1998.11** Awarded the "Grand prize of Small-Medium Venture Company"
- 1999.03** Selected as one of the "Promising Small-Medium Enterprises" in export by the small and medium industry promotion corporation.
- 1999.08** Ranked in the "Top 50 excellent quality competitiveness enterprise" by the Minister of commerce and industry for being elected the Top Exporter
- 1999.09** Corporate name changed to "COMMAX Co., Ltd"

2000's

- 2000.01** Listed on the KOSDAQ stock market
- 2000.02** Acquiring the ISO-9001(Korean securities dealers association)
- 2000.07** Ranked in the "Top 50 excellent quality competitiveness enterprise" by the Minister of commerce and industry for being elected the top exporter
- 2000.11** Selected a "Promising small-medium export enterprises" in 2000.
- 2001.02** Awarded the "Grand Prize of Korean Trading Promotion in 2001"
- 2001. 07** Ranked in the "Top 50 excellent quality competitiveness enterprise" for the 4th consecutive year.
- 2001. 11** Awarded the "Prime minister's export enterprise medal" for achieving US \$30 million mark in exports
- 2002. 07** Awarded the "2002 Good Design Award" by the Ministry of commerce, industry and energy for the fourth consecutive year
- 2002.07** Awarded the "2002 Good Design Award" by Public procurement service of Korean government
- 2002.08** Ranked in the "Top 50 excellent quality competitiveness enterprise" for the 3rd consecutive year.

Establishment of Jung Ang Electronic Industry Company

COMMAX has started its first step in April 1968, when labor intensive industries were very common, with passion of opening a future for Korea's economy when electronics was not a common word. At the beginning of establishment, COMMAX started the business with, producing and installing static electronic exchangers used by many users. Even though there were so many demands, as the business was growing, COMMAX has faced obstacles.

COMMAX has faced crisis such as lack of finance, management, technologies, reputation, shortage of products etc, which resulted in giving up the exchanger business. After that, COMMAX started the interphone business for the first time to which current business owes its origin, while trying to find an opportunity to rebound by finding a new item.

After making efforts to develop functions to provide customers satisfaction by recognizing their needs, interphones for Korea with better convenience was born. The interphones which were suitable for Korean housing structures became tremendously popular. After that, we named a new device "door phone" which was born as a result of a changing concept by putting automatic opening and closing function to doors. We expanded the sale of door

phones with preferable recognitions from customers as we were installing the products in Hanyang apartments and Unha apartments which were first built on Youido during the boom of apartment construction in the early 1970s.

COMMAX increased development of products for convenience of customers by diversifying kinds and functions of interphones in response for the growth of the business and expansion of the market, achieved technological innovation by turning the existing mechanical products to electronic products, by understanding the trend of new telecommunication devices. In order to achieve this technological innovation, COMMAX implemented an aggressive and future oriented technological management by placing more than 10% of manpower of the organization and investing more than 10% of the entire revenue in R&D.

Exploring overseas markets

COMMAX strived for obtaining world class competitiveness through constant effort to export products and improvement of product quality for overseas markets. After the first introduction in Electronics Fair in Japan in 1972, COMMAX made its best effort to develop products with passion and competing against foreign products to accomplish the first product exportation to England and America in 1973. COMMAX understood the importance of overseas

certificates for overseas markets and obtained UL of USA for the first time in Korea in 1976 and TUV of Europe. COMMAX exported products for the first time to Ghana in 1975. COMMAX has grown to be a company occupying 85% of the share of the domestic market. During oil crisis in 1979 and through the time of chaos when all the industry sectors were experiencing minus growth, we felt the limit of growth in the narrow domestic market. COMMAX obtained UL mark of USA in 1983, which is a certificate for electronics standards as a result of making efforts to expand the overseas sales and accelerate development of new products for customers' needs unlike existing interphones. (Obtained FIZ certificate in 1984)

Birth of a global brand COMMAX

After making a decision to export products under our own brand apart from exporting existing OEM products, we came up with a brand name COMMAX, which is a combination word of communication and maximization, which means maximization of communication. COMMAX formed sales network for overseas market to vitalize overseas business and fortified strict quality control. COMMAX also formed 2 management guide lines for sales target management for regional markets and creative technological innovation.

COMMAX emphasize importance on product design. COMMAX formed a culture of harmonizing the relationship between employees and the company to fortify internal structure of our organization. COMMAX implemented restructuring of organization and business in order to meet the global standard for strategical implementation of its business. And also, COMMAX thanks to constant effort to develop future oriented products, developed a Video door phone, which is the original form of current videophones.

Starting with obtaining UL certificate (1993) and TUV certificate for a video door phone for the first time in the world COMMAX has obtained various overseas quality certificates, which give COMMAX recognition for its technology.

COMMAX uses "COMMAX", which is registered in over 90 countries, as its own brand for products. COMMAX objectively proved itself as a company with technology in IT business by being awarded for a Good and Competitive Company for 5 years, from 1999 to 2003. In 1999, we changed company name to "COMMAX" by adapting the brand name for integration with company identity. COMMAX was listed on KOSDAQ in Jan of 2000 to show its transparency in management. Through clear management, COMMAX is now striving to become a real top global brand.



High Technology Mind Professional Mind

In COMMAX, we consider ourselves to be real competitors. COMMAX uses internal organic systems weighing on creativity and cooperation of individuals no matter what obstacles they face, which make members of COMMAX's organization possible to come up with a new idea and have higher objectives. COMMAX's assets and source of development of technology are strong attitude and confidence of COMMAX's global specialists who will lead the era of ubiquitous.

COMMAX's people, who have lead world home network market, are constantly striving for the happiness of customers by placing our costumers as our top priority.

We believe this unique company culture has come from creative mind giving and implementing ideas, challenge for higher objectives and specialized technology. Further more, COMMAX has formed an organic communication system for easy communication between departments for constant development of products that are geared for customers' convenience.

COMMAX, which is striding for a top global brand, is actively adapting itself to changes in business environment and striving to become a top global company by constantly finding and educating talents with confidence that only a new and active company can lead the future. Seeing the world and reading about the world are our promises and the fight is against ourselves. COMMAX's people always think of a better world. COMMAX is competing against the world.

Global Leader in Communication Industry



Customer Value Creation



Trust Culture Creation



Future Technology Creation



Global Vision Creation



Design

COMMAX provides special pride.

COMMAX wishes to design your life.
COMMAX's design philosophy is to design your life.
Your home is the most important space in your life.
COMMAX's design raises practicality and convenience for customers through a perfect harmony with friendly and sophisticated designs suitable for any space.
This is the intention of COMMAX's design.

COMMAX Vision



No.1

Global Top Brand

COMMAX proposes a new digital culture.

A leader as a top class company in IT field, with development of new products and focus on customers.

Nothing is possible until the dream has come true. The digital world that COMMAX is striving for making a happy world that you have dreamed of. A blooming life you have always dreamed!

COMMAX's technology always makes the best value.

COMMAX invites you to a beautiful digital world that COMMAX shows.

Home Network
COMMAX



Information Technology

Global Top Brand

A brand is the first impression of a company. The first impression shows customers detailed information of the company. Therefore a good brand has value itself. COMMAX's products are currently exported to over 100 countries including North America, Europe, South America, South East Asia, and Africa. No matter where you go, you can see COMMAX's products. COMMAX has noticed importance of a fine brand so 'COMMAX' was made up. COMMAX has put a lot of time and effort to make 'COMMAX' a leading brand in the world. On making the brand, 'COMMAX' has been registered in many countries, which are now over 90 countries.

A brand of a company is the important assets that reflect the value of the company and trust from customers. Elevating the value of a brand is very important for the trust from customers more than a simple marketing side. Trust from customers can only come from constant efforts for a long time. COMMAX is well aware of the fact that a brand is the image of a company. In other words, a brand is a promise with customer to implement good services in accordance with the name of the company. Therefore, COMMAX is well aware of the fact that a brand is more important than a simple guarantee certificate. COMMAX believes that a brand is a promise to customers. Therefore COMMAX is proud of being a company with trust from customers through diligence, technology and doing its best for customer satisfaction as company's philosophy since its establishment of COMMAX.

A leap to become a Top Global Brand

COMMAX will take a step closer to customers to give them true trust and confidence in COMMAX's products not just for convenience.

Technology Innovation

The world of a global life that no one has experienced...

COMMAX is a company that leads IT culture and technological trends and changes lives of customers in accordance with the era of ubiquitous. COMMAX's differentiated technology and products with best quality will make a human focused happy environment using broad wireless networks, digital security, comfortable environment, etc. COMMAX' effort to lighten customers' lives by providing a cutting edge living culture will open a world for a better life style, which can be realized by a fingertip no matter when and where you are.

COMMAX's technology is the future for a living condition for customers to live as citizens of the world. A world with a better life style, beautiful technology, providing happiness, comfort and safety, is what COMMAX is striving for.

Home Network System
Meet the highest technology with the best design



Technology & Design

Think Different

A design that apply to future environments

Everything has started from COMMAX's ideas. Sophisticated and excellent designs with technology, understanding space, completing comfortable life style, etc are the beautiful windows of COMMAX. COMMAX's digital designs and development of human oriented technology are inspired by cross encounter of nature and human. COMMAX' differentiated design power comes from changes and newness of our lives.

Good Design

COMMAX is approaching to customers with color marketing which apply family looks to a series of products including a Wall-Pad with a home network design concept which can go well with peripheral interior along with Bluetooth Handy products, which can perform home networking regardless of space, not just home network, home automation and videophone products. COMMAX is practicing a design marketing strategy for differentiation with other company's home network products and satisfying customers' needs as a trend setter applying colors

which can go well with interior such as wall paper, with basis of 3 colors which are black/red wine,

white/lime, and white/gold, to products. This COMMAX's design strategy is now objectively gaining global recognition by being awarded for iF Design Award with highest reputation.

COMMAX, from now on, will provide customers with a perceptive life style by implementing aggressive marketing strategies which approach to customers.

iF Smart View Series
COMMAX propose you to be
with us anytime in your life



Home Automation System
COMMAX home automation basically enables home automation function and provides video communication, various security system, etc.



Customer Satisfaction

COMMAX has introduced a strategy to eliminate complaints or dissatisfaction of customer 40 years ago when no other company understood the management for customer satisfaction. The reason why COMMAX was able to practice the management for customer satisfaction was the recognition of the trends that business environment was dramatically changing and the market was changing from manufacturer orientation to customer orientation. COMMAX was well aware of the fact that companies would strive for customer satisfaction in the advent of customer rights, through which companies and customers would become harmonized with each other.

COMMAX has to do its best to make customers feel that their choice in purchasing COMMAX's products is wise in order to be selected in fierce competition. Therefore, COMMAX is making its every effort to give customers overall satisfaction of product quality, services and company images. However, the concept on 'Customer Satisfaction' was not just contemplated by company's point of view. In other words, COMMAX believes that what comes first to satisfy customers is to notice what customers want and to provide better value COMMAX is competing against the world.

Even though quality and services are better improved than before, COMMAX is well aware of the fact that, if the improvement is different from what customers want and does not meet the needs of customers, customers will express dissatisfaction and complaints. Therefore COMMAX has been doing business in a standpoint of customers and counterparts in forming relationships with them.

COMMAX does not limit the concept of customer just to the final consumers but expands to agencies, stores, collaborating manufacturers and material providers and recognizes them not just entities to sell and buy but partners in cooperation for success. In other words, the basic philosophy of COMMAX's customer satisfaction is not just to give satisfaction to customers but to understand customers as partners, who share success with each other as a group living together.



A Blooming Life
COMMAX's blooming life provides you with an affluent, beautiful, convenient and safe life



Play the Ubiquitous



Wireless integrated management handy.
COMMAX's ubiquitous world, you think, is that you meet a free world regardless of time and space.

What you think is ubiquitous.

The system environment that meets your needs is a network world that integrates people and systems as one.

COMMAX's ubiquitous world that you think is that you meet a free world regardless of time and space. COMMAX will open an ubiquitous life which can remote control the entire systems in the house (electricity, gas, air conditioning and heating, door locks, security, fire, etc) with a touch of your finger. You can enjoy the convenience of a home network service through IT devices such as mobile phones, note books, PDAs, PCs etc. by installing digital home network systems of COMMAX in the house.

You can remotely check whether the gas is turned off or if there is any visitor while you are absent wherever and whenever. You can control digital appliances of your home and adjust the temperature and humidity to your living environment. The ubiquitous society makes it possible for you to have easy education environment regardless of time and space and perform economic activities such as electronic commerce using home network devices at your home.

Further more, possible is the remote diagnosis and medical consultation through diagnosis devices at your home.





It's **NEW** PRODUCTS

CDP-1020A | Smart View | Multi-Entry Strategy System | CDV-50A | DPV-4LH | DP-20H | Intercom



product
design
award

2008

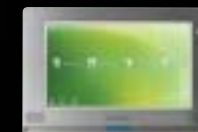


Home Network system

Total solutions with a state of the art technology
provide differentiated values for your smart home

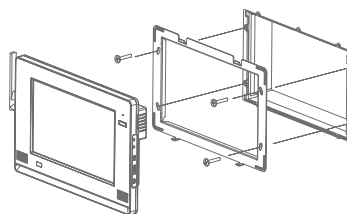
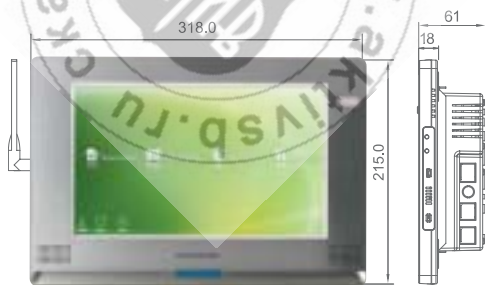
CDP-1020A

World class premium design recognized by iF Design Award
Various colors in gold, dark silver, silver make your life more stylish.
Now enjoy your life with COMMAX home network.



CDP-1020A

Home Network System



<Mounting diagram>



product design award 2008 ■ CDP-1020A

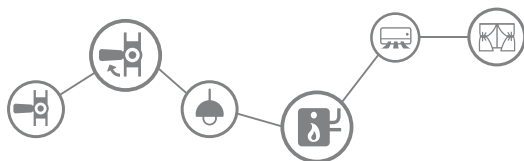
• Features

- Control : Gas valve, lighting, curtain, boiler appliance, mobile handy
- Management : Health care, parking, delivery, remote metering check
- Security : Fire, burglar, gas leakage
- Remote control : WAP / WEB / ARS
- Video phone : Door answering & monitoring, door release, GUI control telephone, home service, touch screen

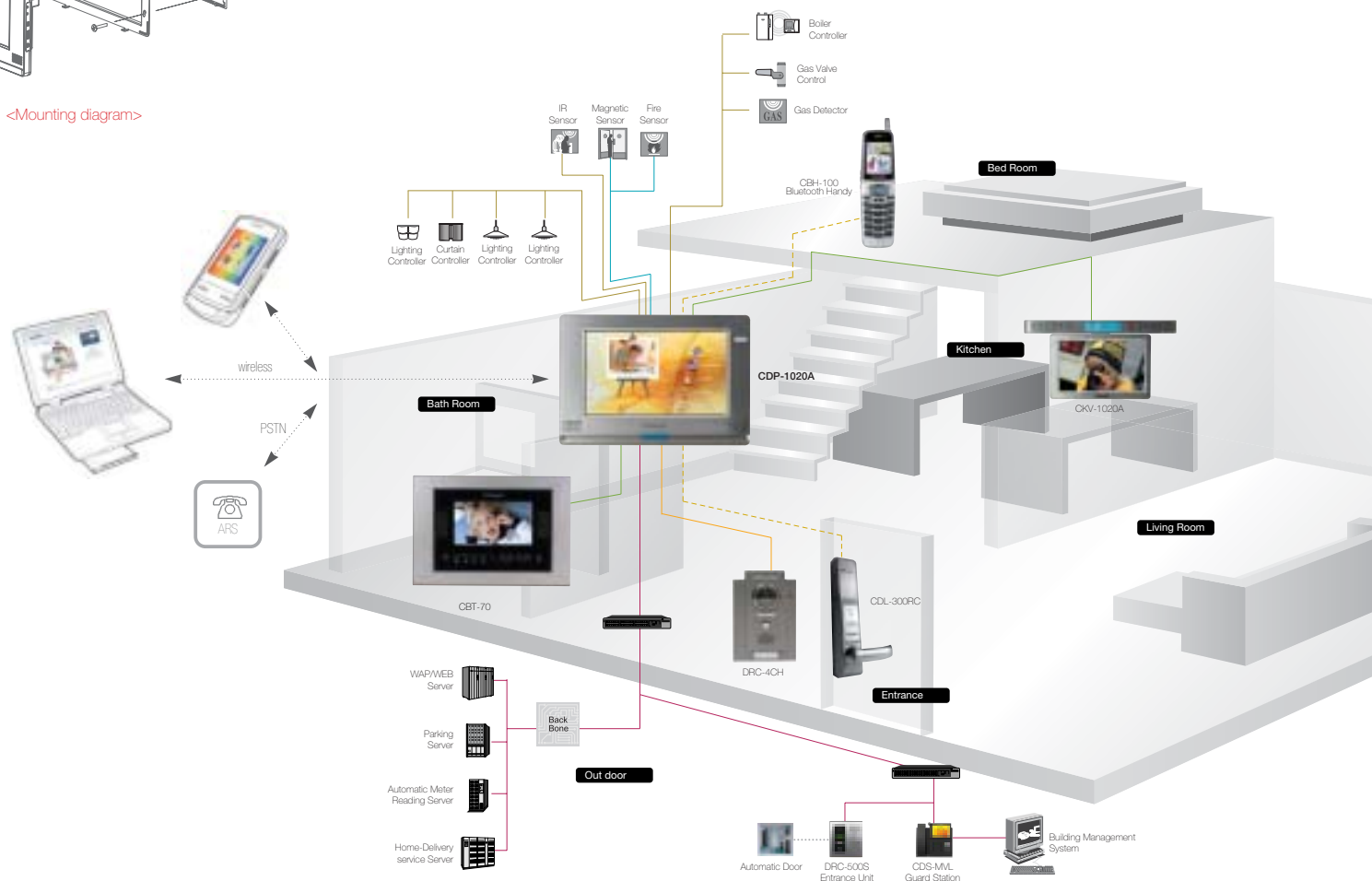
• Wiring : LAN (CAT.5)

• Power : DC14.5V

• Dimensions : 318 X 215 X 18 [61] (mm)



Home Network System Diagram





product
design
award
2008



Smart View Series

Smart view series create more sensations in your life
We call it the innovation of video door phone with marvelous features
World considered it the best design with iF design award



Propose...

COMMAX proposes you to be with us anytime in your life



World's First Quad Screen
Fusion I Video door phone + CC TV

Smart View Series



CAV-71B • World first

• **Features** : Handset & hands-free / Door answering & monitoring / Room to room call & pause(Expandable up to 20 monitors) / Connectable up to 4 cameras / Visitor image memory(128 cuts) / OSD interface / CCTV surveillance camera / Security : Burglar

• **Power source** : AC 100-240V(50Hz | 60Hz) / Max 17W
• **Wiring** : 4 wires(Camera+CDS-4CM), 6 wires(CDS-4CM+Door unit)
• **Wiring distance** : Monitor-20m(φ0.5)
• **Dimensions** : 314 X 173 X 44 (mm)



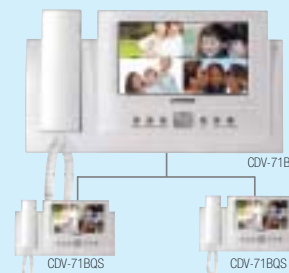
CAV-72B • Free-communication

• **Features** : Cord handset & hands-free / Door answering & monitoring / Room to room call & pause(Expandable up to 20 monitors) / Connectable up to 4 cameras / Visitor image memory (128 cuts) / OSD interface / CCTV surveillance camera / Security : Burglar

• **Power source** : AC 100-240V(50Hz | 60Hz) / Max 17W
• **Wiring** : 4 wires(Camera+CDS-4CM), 6 wires(CDS-4CM+Door unit)
• **Wiring distance** : Monitor-20m(φ0.5) • **Dimensions** : 314 X 173 X 44 (mm)

CDT-180

• **Power source** : Ni-MH 1.2V 600mA, AAA X 3(Hand set)
• **Wiring** : Wireless • **Wiring distance** : Outdoor : Max. 200m / Indoor : Max.40m
• **Dimensions** : Hand set : 28 X 46.5 X 115 (mm) / Base station : 133 X 81.5 X 52.5(mm)
• **Applicable product** : CAV-72B



CDV-71BQ/71BQS • Quad

• **Features** : Quad screen display / Expandable up to 2 monitors / Connectable up to 4 cameras / Visitor image memory(NTSC : 68 cuts, PAL : 58 cuts) / Door answering & monitoring / Door release

• **Power source** : AC 100-240V(50Hz | 60Hz) / CDV-71BQ : 25W, CDV-71BQS : 18W
• **Wiring** : 4 wires
• **Wiring distance** : Door unit-50m(φ0.65)
• **Dimensions** : 314 X 173 X 44 (mm)



CDV-72BE • Free-communication

• **Features** : Cord handset / Door answering & monitoring / Connectable up to 4 cameras / Visitor image memory (128 cuts) / OSD interface / CCTV surveillance camera / Security : Burglar

• **Power source** : AC 100-240V(50Hz | 60Hz) / Max 17W
• **Wiring** : 4 wires • **Wiring distance** : Monitor-20m(φ0.5)
• **Dimensions** : 314 X 173 X 44 (mm)

CDT-180

• **Power source** : Ni-MH 1.2V 600mA, AAA X 3(Hand set)
• **Wiring** : Wireless • **Wiring distance** : Outdoor : Max. 200m / Indoor : Max.40m
• **Dimensions** : Hand set : 28 X 46.5 X 115 (mm)
Base station : 133 X 81.5 X 52.5(mm)



CDV-71BSE • Security

• **Features** : Security-4 zones / Connectable up to 4 cameras / CCTV surveillance / Security(Burglar) / OSD menu control / Visitor image memory (128 cuts) / Additional interphone connectable

• **Power source** : AC 100-240V(50Hz | 60Hz) / Max 25W
• **Wiring** : 4 wires
• **Wiring distance** : Door unit-50m(φ0.65)
• **Dimensions** : 314 X 173 X 44 (mm)



CDV-71BE • Standalone

• **Features** : Connectable up to 4 cameras / CCTV surveillance / OSD menu control / Visitor image memory (128 cuts) / Additional interphone connectable

• **Power source** : AC 100-240V(50Hz | 60Hz) / Max 25W
• **Wiring** : 4 wires
• **Wiring distance** : Door unit-50m(φ0.65)
• **Dimensions** : 314 X 173 X 44 (mm)

Smart View Series

World's First Quad Screen
Fusion | Video door phone + CC TV



CAV-71B • World first

• **Features** : Handset & hands-free / Door answering & monitoring / Room to room call & pause(Expandable up to 20 monitors) / Connectable up to 4 cameras / Visitor image memory(128 cuts) / OSD interface / CCTV surveillance camera / Security : Burglar

• **Power source** : AC 100-240V(50Hz | 60Hz) / Max 17W
• **Wiring** : 4 wires(Camera+CDS-4CM), 6 wires(CDS-4CM+Door unit)
• **Wiring distance** : Monitor-20m(φ0.5)
• **Dimensions** : 314 X 173 X 44 (mm)



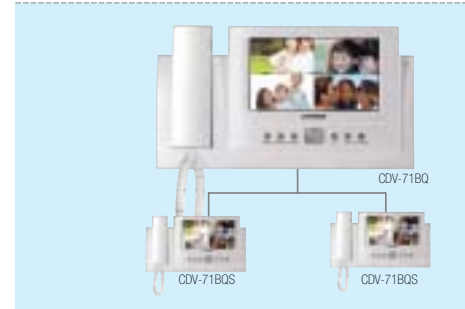
CAV-72B • Free-communication

• **Features** : Cord handset & hands-free / Door answering & monitoring / Room to room call & pause(Expandable up to 20 monitors) / Connectable up to 4 cameras / Visitor image memory (128 cuts) / OSD interface / CCTV surveillance camera / Security : Burglar

• **Power source** : AC 100-240V(50Hz | 60Hz) / Max 17W
• **Wiring** : 4 wires(Camera+CDS-4CM), 6 wires(CDS-4CM+Door unit)
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CDT-180

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• **Applicable product** : CAV-72B



CDV-71BQ/71BQS • Quad

• **Features** : Quad screen display / Expandable up to 2 monitors / Connectable up to 4 cameras / Visitor image memory(NTSC : 68 cuts, PAL : 58 cuts) / Door answering & monitoring / Door release

• **Power source** : AC 100-240V(50Hz | 60Hz) / CDV-71BQ : 25W, CDV-71BQS : 18W
• **Wiring** : 4 wires
• **Wiring distance** : Door unit-50m(φ0.65)
• **Dimensions** : 314 X 173 X 44 (mm)



CDV-72BE • Free-communication

• **Features** : Cord handset / Door answering & monitoring / Connectable up to 4 cameras / Visitor image memory (128 cuts) / OSD interface / CCTV surveillance camera / Security : Burglar

• **Power source** : AC 100-240V(50Hz | 60Hz) / Max 17W
• **Wiring** : 4 wires • **Wiring distance** : Monitor-20m(φ0.5)
• **Dimensions** : 314 X 173 X 44 (mm)

CDT-180

• **Power source** : Ni-MH 1.2V 600mA, AAA X 3(Hand set)
• **Wiring** : Wireless • **Wiring distance** : Outdoor : Max. 200m / Indoor : Max.40m
• **Dimensions** : Hand set : 28 X 46.5 X 115 (mm)
Base station : 133 X 81.5 X 52.5(mm)



CDV-71BSE • Security

• **Features** : Security-4 zones / Connectable up to 4 cameras / CCTV surveillance / Security(Burglar) / OSD menu control / Visitor image memory (128 cuts) / Additional interphone connectable

• **Power source** : AC 100-240V(50Hz | 60Hz) / Max 25W
• **Wiring** : 4 wires
• **Wiring distance** : Door unit-50m(φ0.65)
• **Dimensions** : 314 X 173 X 44 (mm)



CDV-71BE • Standalone

• **Features** : Connectable up to 4 cameras / CCTV surveillance / OSD menu control / Visitor image memory (128 cuts) / Additional interphone connectable

• **Power source** : AC 100-240V(50Hz | 60Hz) / Max 25W
• **Wiring** : 4 wires
• **Wiring distance** : Door unit-50m(φ0.65)
• **Dimensions** : 314 X 173 X 44 (mm)



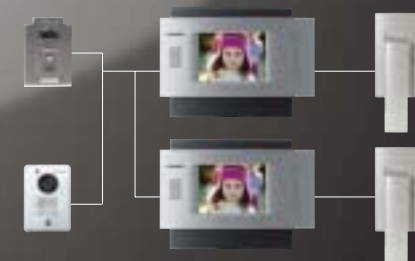
“Video quality is the soul of video door phone”

Experience with unbeatable video quality of 40 years history of COMMAX

Most **V**aluable **P**roduct
Best Video Quality of the world

CDV-50A

High technology created the higher video quality which no one compete with
Upgrade its design in two tone colors
Easy button control





2 + 2 + 1



2 Cameras



2 Monitors



1 Interphone



Puzzle & Blooming in Color



DPV-4LH Hands Free B/W Video Door Phone

Easily make your space different with a stylish design
Convenient access to the door with a sub monitor



Blooming in Color & Slim DP-20H

Modern design breaks the idea of door phone
It's different feeling in various colors for any place, any space for your life



Red

Gold

Silver

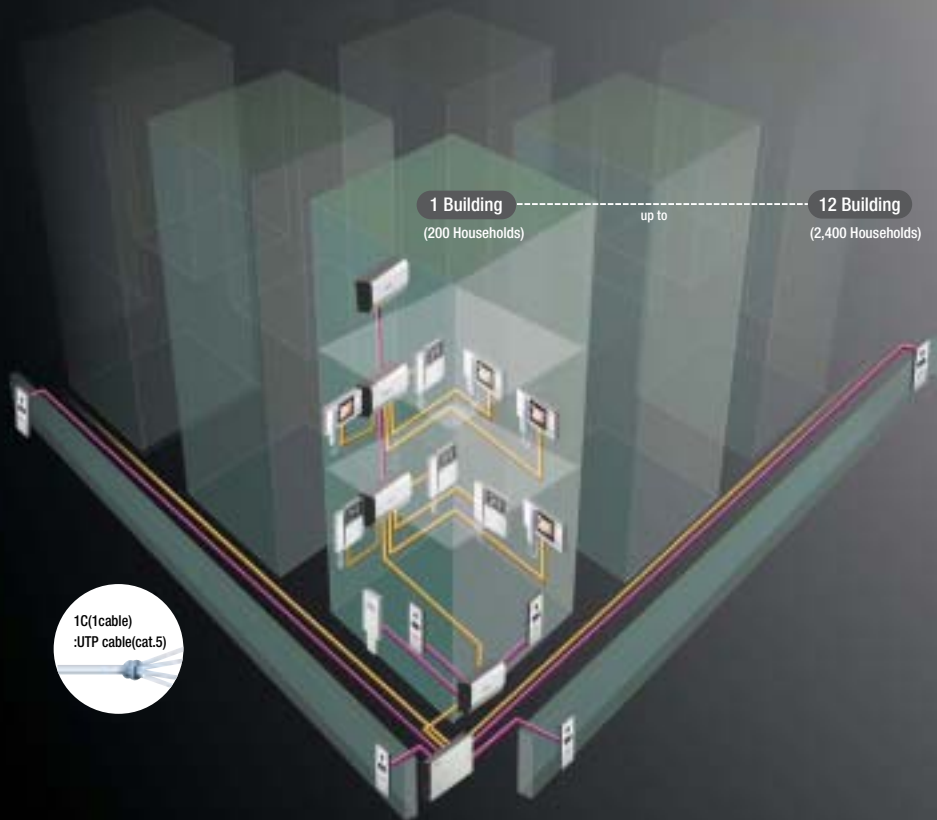
White

Pearl

Multi-Entry Strategy System

- 1 cable installation system : Lowest labor cost / Easy installation / Lowest cable cost
- Up to 2,400 households
- Guard station unit supportable
- Digital entry panels
- Customization of operating parametres

1
Cable





Digitalizing & New Fashioned Intercom

CM-810M

Applicable to hospitals, guard station, office environments
Assuring the best audio quality at any places



CM-810



CM-800



CM-801



Home Network System

COMMAX home network system controls interactively all digital appliances through three types of technologies which are All LAN, Dedicated Line and Dedicated Line + Internet.

It perfectly implements existing home automation and connect with Ethernet-based Wall Pad, home server and gateway.

Home automation provides various information and functions by using convenient graphic user interface (GUI).

It exchanges data not only with the interior of a house (rooms/ a living room/ a kitchen) but also with the exterior by comprehensively connecting to all appliances at home (home automation system, home appliances and information devices).

It is an integrated system that supports security system, various text information, SMS, video memory, home delivery and excellent performance in efficiency, stability and cost-effectiveness. It is the best device supporting, ARS and safe network management service.



Home Network System

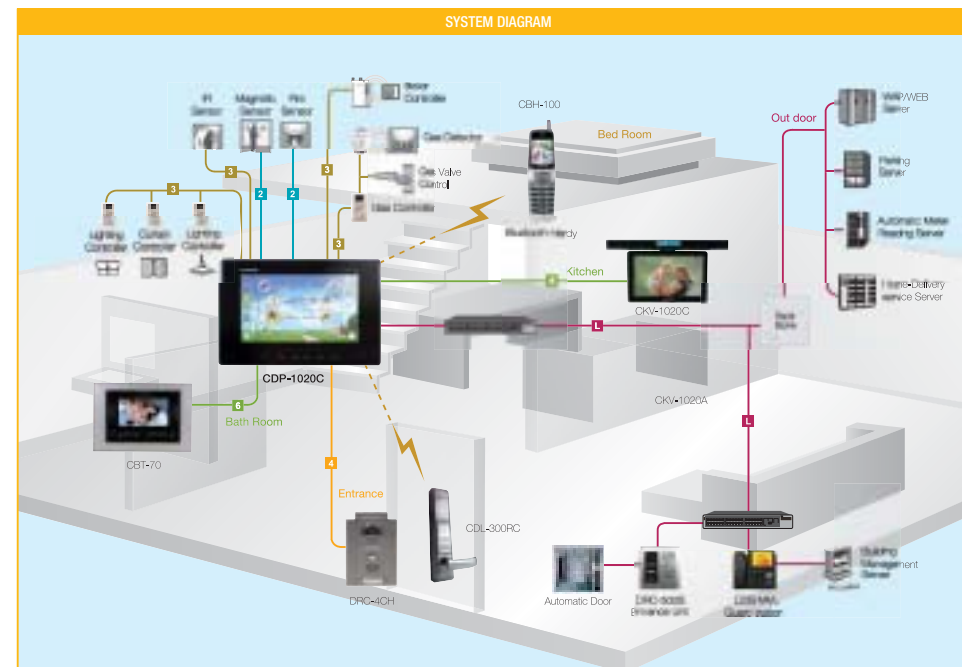
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CDP-1020C

Minimal and Slim Design

It emphasizes high-grade with high-glossy in black and keeps wall pad from users' scratch with minimalism design and durability. It allows users to enjoy various home network contents.



Specifications

- Power source : DC14.5V, 1.5A
- Power supply : SR819A
- Mounting type : Flush mounted type
- Temperature : 0°C ~ +50°C (32°F ~ 122°F)
- Display : 10.2 inch wide color TFT LCD & GUI by touch screen
- Wiring : LAN (CAT. 5e)
- Connector : RS-485 or PLC
- Image Record : 128 cuts
- On-screen duration : 60 ± 30 sec
- Dimension : 318 x 215 x 18 [61](mm)
- Embedding box size :

Features

- Elegant design with high-glossy in black
- GUI adaptable in accordance with users' taste.
- Remote control of device by Mobile, Internet.
- Notification of information in Complex (Public notice, Community)
- Connect to website only for Home network

Functions

- **Monitoring & talk** : Monitoring, Talk with a visitor, Monitoring a visitor in common entrance, Talk between households (Talk with video : optional), Bluetooth-Handy connection, Reviewing the image of a visitor when being away(Optional), Door lock release
- **Security** : Intruder alarm, Fire alarm, Gas leakage alarm, Connection of security company, Monitoring common area with video surveillance
- **Convenience function** : 1)Control function : A lighting influence one's sentiment, A gas Valve, A air Conditioner, A heating apparatus, All-put-out lights 2)Additional service(Optional) : Home intelligent appliances, Calling elevator, Unmanned home delivery, Speech recognition
- **Information display** : Voice Memo, Schedule Management, Address directory, Notice of arrival one's car. Weather information, Traffic information, Connection of parking intelligent system
- **Ventilation & healthcare service** : Ventilation control, Healthcare control.
- **Remote control** : Through Mobile, Internet, ARS, Web site(www.ruvie.co.kr)

Recommended Products

- Common entrance cameras
 - DRC-600S
 - DRC-500S
 - DRC-600L/R/F
 - DRC-500L/R/F
- Individual door cameras
 - DRC-40C(New)
 - DRC-4CH
 - DRC-40CS
 - DRC-40CAN
 - DRC-41CSN
 - DRC-40G

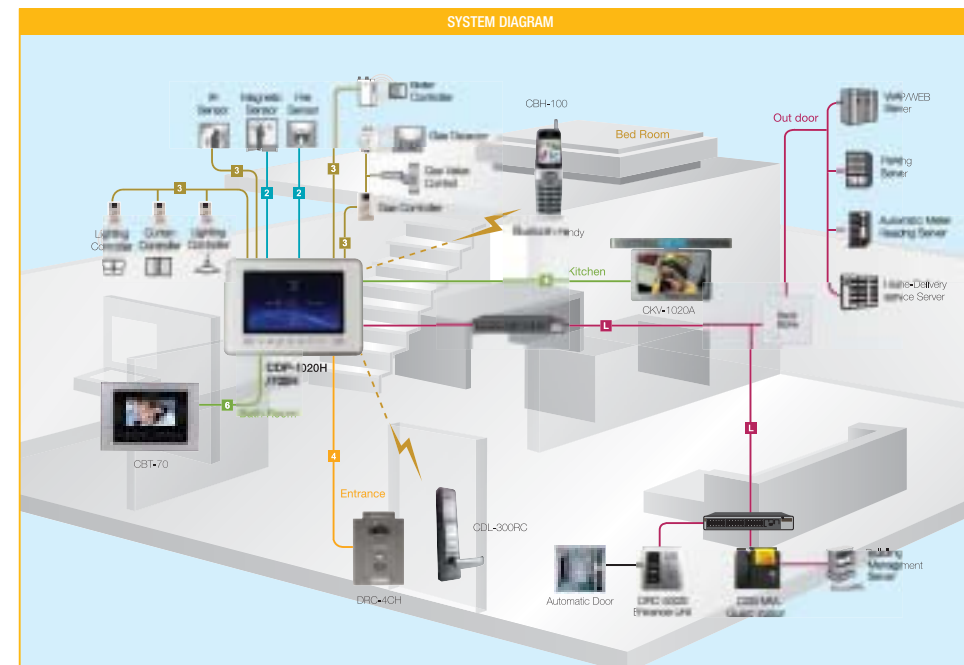
※Refer to the connecting diagram(page 54~59)



CDP-1020H /700H

Blooming Life, Blooming Color

Dual panel structure, new concept is applicable to this wall-pad (CDP-1020H) which is harmonized with interior of the house by means of various 6 colors. And user can enjoy uniquely various home network contents developed by COMMAX.



Specifications

- Power source : DC14.5V, 1.5A
- Power supply : SR819A
- Mounting type : Flush mounted type
- Temperature : 0°C ~ +50°C (32°F ~ 122°F)
- Display : 10.27" inch wide color TFT LCD & GUI by touch screen
- Wiring : LAN (CAT. 5e)
- Connector : RS-485 or PLC
- Image Record : 128 cuts
- On-screen duration : 60 ±30 sec
- Dimension : 345 x 242 x 20 [61](mm)
- Embedding box size :

Features

- Three type of color adaptable in accordance with an interior
- GUI adaptable in accordance with users' taste.
- Remote control of device by Mobile, Internet.
- Notification of information in Complex (Public notice, Community)
- Connect to website only for Home network

Functions

- **Monitoring & talk** : Monitoring, Talk with a visitor, Monitoring a visitor in common entrance, Talk between households (Talk with video : optional), Bluetooth-Handy connection, Reviewing the image of a visitor when being away(Optional), Door lock release
- **Security** : Intruder alarm, Fire alarm, Gas leakage alarm, Connection of security company, Monitoring common area with video surveillance
- **Convenience function** : 1)Control function : A lighting influence one's sentiment, a Gas Valve, A air Conditioner, A heating apparatus, All-pull-out lights
2)Additional service(Optional) : Home intelligent appliances, Calling elevator, Unmanned home delivery, Speech recognition
- **Information display** : Voice Memo, Schedule Management, Address directory, Notice of arrival one's car. Weather information, Traffic information, Connection of parking intelligent system
- **Ventilation & healthcare service** : Ventilation control, Healthcare control.
- **Remote control** : Through Mobile, Internet, ARS, Web site(www.ruvie.co.kr)

Recommended Products

- Common entrance cameras



- Individual door cameras



※Refer to the connecting diagram(page 54~59)

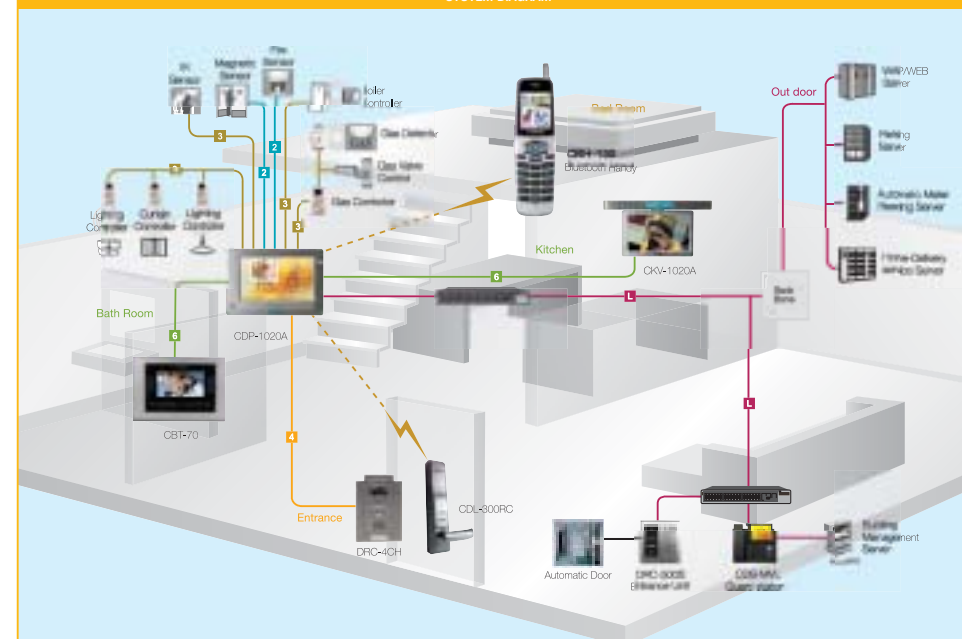


CBH-100

Wireless Integrated Management Handy



SYSTEM DIAGRAM



Specifications

- **Power** : DC4.2V
- **Temperature** : 0°C ~ +50°C (32°F ~ 122°F)
- **Display** : 2.2 inch color TFT LCD & GUI by screen
- **Wiring** : Wireless
- **Dimension**
 - 1)Handy : 194 x 53 x 28(mm)
 - 2)Base : 84 x 127 x 88(mm)

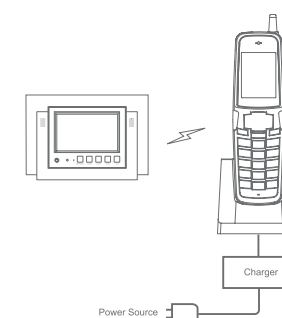
Features

- Visitor checking and talk with Common entrance, Individual door
- User friendly design and GUI
- Remote control of devices anywhere in house
- Intercommunication

Functions

- **Monitoring & talk :** Talk with a visitor, Monitoring a visitor in common entrance, Talk between households (Talk with video :optional), Door lock release
- **Security :** Intruder alarm, Fire alarm, Gas leakage alarm, Monitoring common area with video surveillance
- **Convenience function :** 1)Control function : A lighting influence one's sentiment, A gas Valve, A air Conditioner, A heating apparatus, All-put-out lights
2)Additional service(Optional) : Home intelligent appliances, Calling elevator, Unmanned home delivery
- **Information display :** Schedule Management, Notice of arrival one's car. Weather information, Phone book
- **Ventilation & healthcare service :** Ventilation control, Healthcare control

CONNECTING DIAGRAM



Recommended Products



CDP-1020A



CDP-1020C



CDP-1020H/7



CDP-700MTB/MTE

Home Network System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



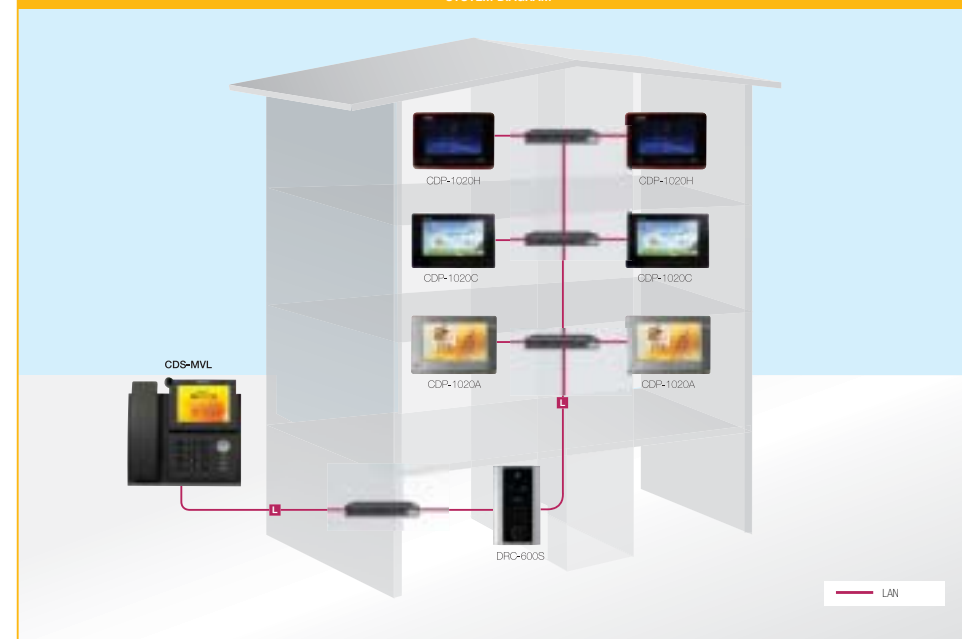
CDS-MVL

New Guard station

CDS-MVL is a LAN type guard station with 5" TFT color LCD to check a visitor at common entrance. It is a integrated control room to manage event situation effectively in complex.



SYSTEM DIAGRAM



Specifications

- Power source : DC15V, 1.5A
- Power supply : SR819A
- Temperature : 0°C ~ +50°C (32°F ~ 122°F)
- Display : 5 inch color TFT LCD
- Wiring : LAN (CAT. 5e)
- On-screen duration : 60 ±30 sec
- Dimension : 233 x 223 x 100(mm)

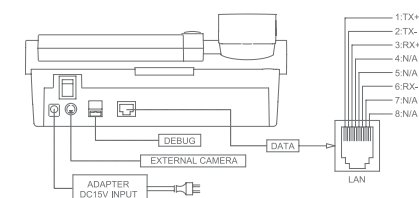
Features

- LAN type guard station
- Screening and talking with visitors at common entrance
- 5 inch LCD screen allows user to adjust angle for being able to monitor by optimal quality screen

Functions

- Calling and talking with household
- Calling and talking with household
- Parking management
- Screening and control over going outside
- Intercommunication between household
- Screening for delivery
- Emergency indication and screening inside house
- Telephone book

CONNECTING DIAGRAM



Recommended Products

- Common entrance cameras



Home Network System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



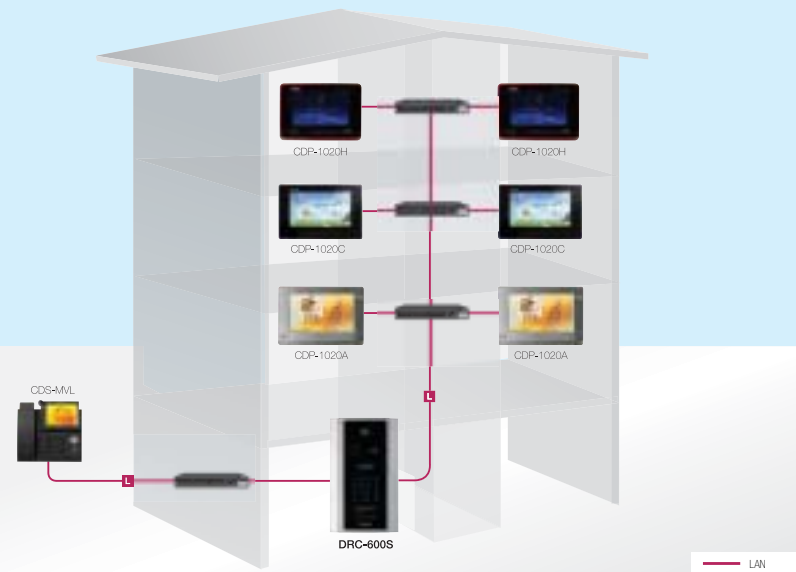
DRC-600S

New Lobby Phone

DRC-600S is a LAN type lobby phone which was designed by COMMAX's Know-how. Blue back light is applied to use at night and to focus its elegant design. Access by PIN, RF card as well as finger scan is applicable.



SYSTEM DIAGRAM



Specifications

- Power source : DC14V, 3A
- Mounting type : Flush mounted type
- Temperature : -10°C ~ +50°C (14°F ~ 122°F)
- Display : 5 inch color TFT LCD
- Wiring : LAN (CAT. 5e)
- Video and voice transmission way : MPEG-4(Video) / G.729(Voice)
- On-screen duration : 60 ± 30 sec
- Dimension : 212 x 362 x 22 [63](mm)
- Embedding box size :

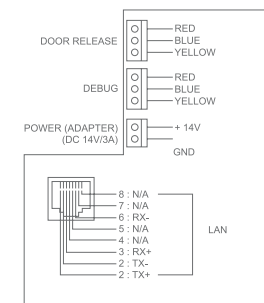
Features

- LAN type lobby phone
- Multilingual support(Korean, English, Spanish, Russian)
- Access by pin, RF card, finger scan

Functions

- Monitoring and talk with a visitor
- Talk with guard station, door lock release
- Each pin setting per a house
- RF card and finger scanning setting

CONNECTING DIAGRAM



Recommended Products



Home Network System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



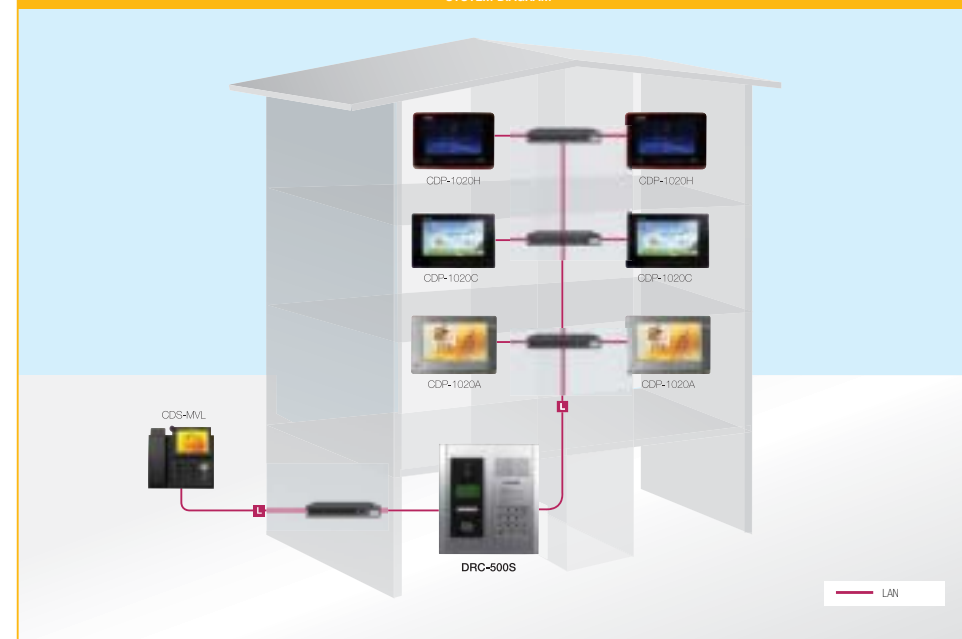
DRC-500S

Main entrance camera with RF-ID cards enables residents to come in and out without keys. Aluminum alloy is used to minimize damages from shock, contamination and decolorization.

Metallic material and minimalism design are applied. Aluminum provides higher reliability.



SYSTEM DIAGRAM



Specifications

- Power source : DC14V, 3A
- Mounting type : Flush mounted type
- Temperature : -10°C ~ +50°C (14°F ~ 122°F)
- Display : 5 inch color TFT LCD
- Wiring : LAN (CAT. 5e)
- Video and voice transmission way : MPEG-4(Video) / G.729(Voice)
- On-screen duration : 60 ± 30 sec
- Dimension : 250 x 276 x 12 [61](mm)
- Embedding box size :

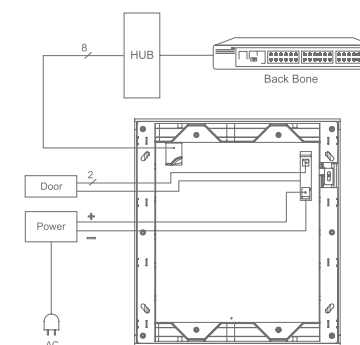
Features

- LAN type lobby phone
- Multilingual support(Korean, English, Spanish, Russian)
- Access by pin, RF card, finger scan

Functions

- Monitoring and talk with a visitor
- Talk with guard station, door lock release
- Each pin setting per a house

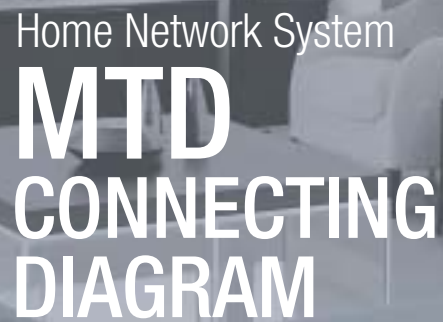
CONNECTING DIAGRAM



Recommended Products



Home Network System
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



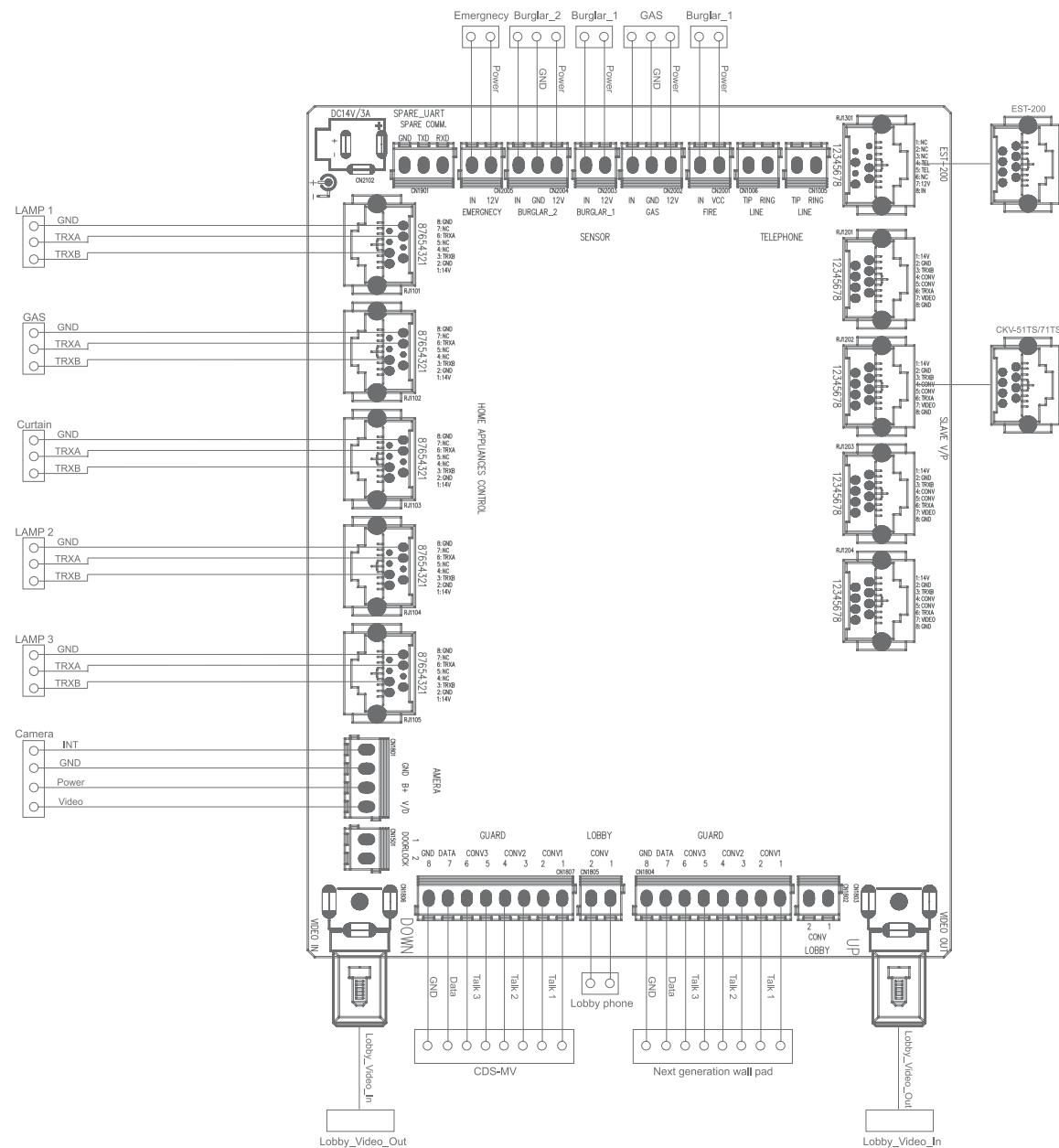
Home Network System

MTD

CONNECTING

DIAGRAM

Home Network System / MTD



Home Network System
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

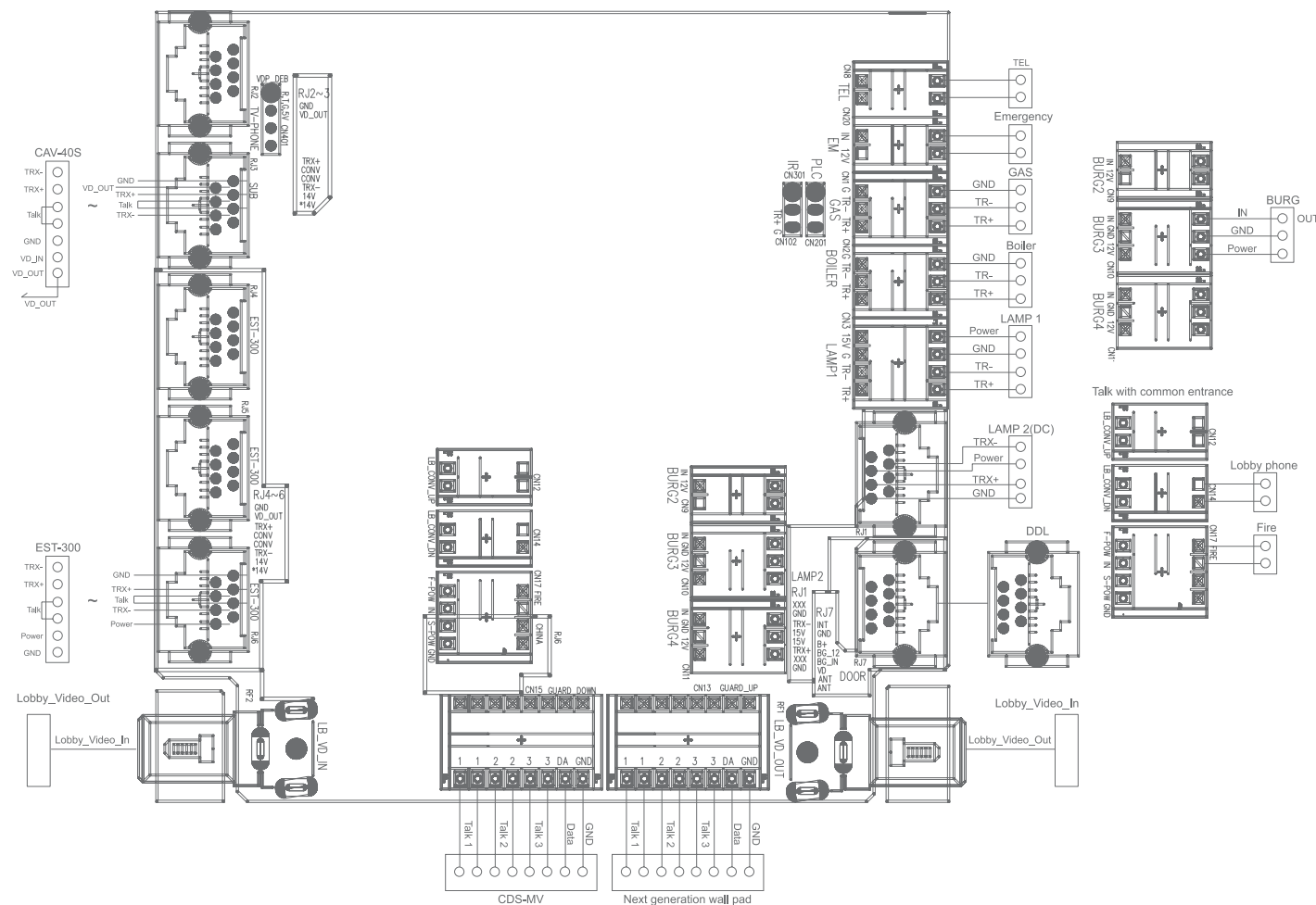
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

Home Network System



MTE CONNECTING DIAGRAM

Home Network System / MTE





Home Automation System

COMMAX home automation basically enables home automation function and provides video communication, various security system, alarm system, parking control system and remote control system implementing intelligent services and home automation connected with such devices as a lobby phone, a kitchen TV phone, a sub phone and a bathroom phone.

The home control function of the home automation system can enable video communications between residents, electricity control, lighting control and gas control by using various sensors. In addition, it can monitor visitors at any corner of the house by using a door camera.

Advanced security systems include crime prevention aimed to detect intruders through the use of magnetic sensors and motion detection sensors, gas leakage detection and fire detection sensors. It will keep your home safe by alerting a security company in case of emergency.

Home Automation System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



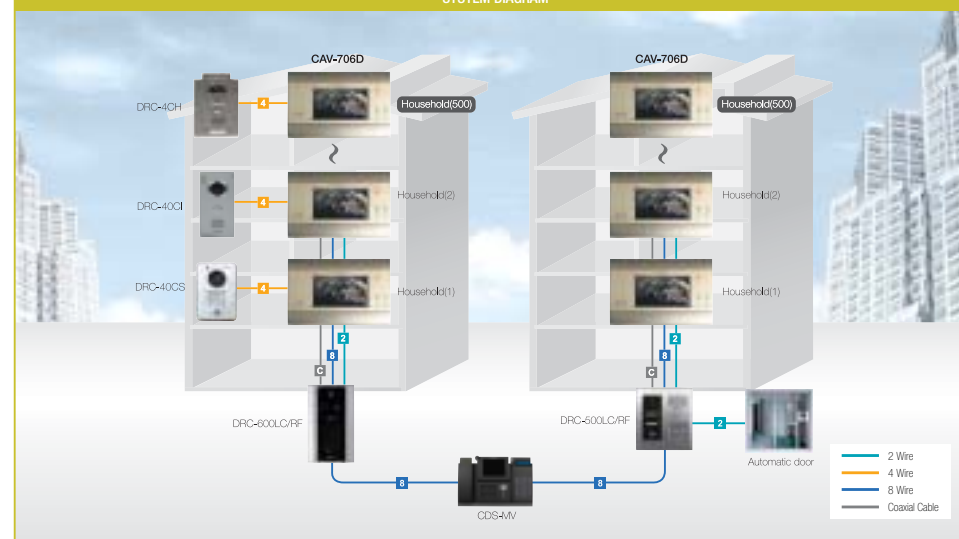
CAV-706D/706M /706MTM/706IM

Suitable for interior as picture frame type

COMMAX Home Automation is compatible with a lobby phone, a kitchen TV, sub-unit, bathroom unit, designed to run a intelligent service, such as the alarming of burglar, fire, gas leakage with various sensors as well as access control with a single-card. Event is notified to guard station or refined security company automatically so that it makes your home life safe.



SYSTEM DIAGRAM



Specifications

- Power source : DC14.5V, 3A
- Mounting type : Flush mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Display : 7 inch wide color TFT LCD
- Wiring : Bus type with 12 wires(Lobby phone : 4 wires / Guard unit : 8 wires)
Individual camera : 4 wires
- Image Record : 128 cuts
- On-screen duration : 60 ± 30 sec
- Dimension : 308 x 200 x 20 [61](mm)
- Embedding box size :

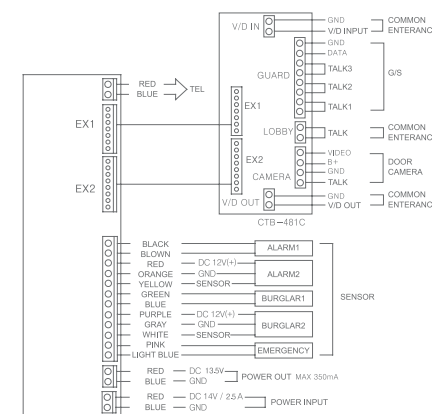
Features

- ARS control(CAV-706IM)
- Record visitor's images(CAV-706M/MTM/IM)
- On screen display(OSD) interface(CAV-706IM)

Functions

- **Monitoring & talk** : Monitoring, Talk with a visitor, Monitoring a visitor in common entrance, Talk between households (Talk with video : optional), Compatible with 1.8GHz wireless telephone, Telephone function, Monitoring image of a visitor when being away, Door lock release
- **Security** : Intruder alarm, Fire alarm, Gas leakage alarm, Connection of security company
- **Convenience function** : All-put-out lights, Reviewing the alarm of a visitor when being away
- **Remote control** : ARS

CONNECTING DIAGRAM



Recommended Products

Entrance units



Individual camera units



Home Automation System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



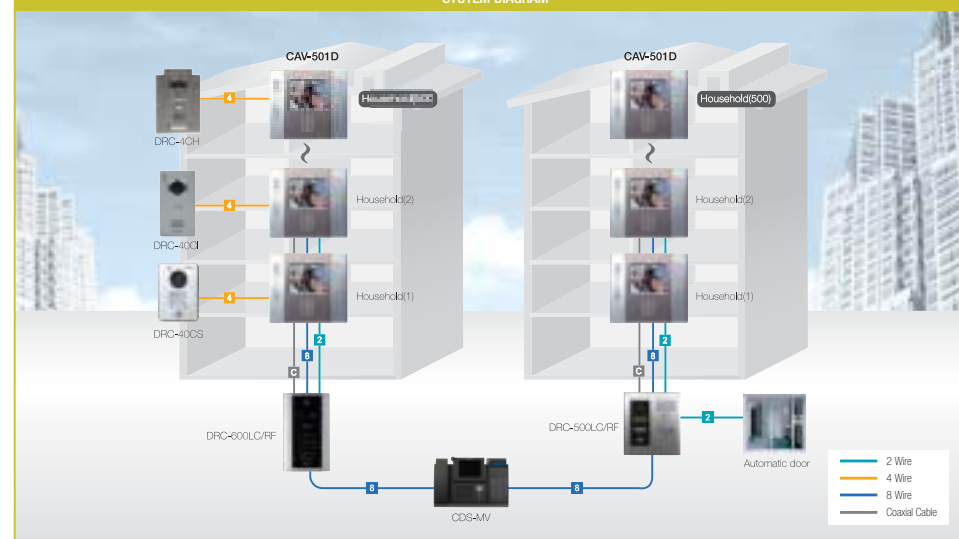
CAV-501D

Best popular product

COMMAX Home Automation is compatible with a lobby phone, a kitchen TV, sub-unit, bathroom unit, designed to run a intelligent service, such as the alarming of burglar, fire, gas leakage with various sensors as well as access control with a single-card. Event is notified to guard station or refined security company automatically so that it makes your home life safe.



SYSTEM DIAGRAM



Specifications

- Power source : AC100-240V, 18W
- Mounting type : Flush mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Display : 5 inch color TFT LCD
- Wiring : Bus type with 12 wires(Lobby phone : 4 wires / Guard unit : 8 wires)
Individual camera : 4 wires
- On-screen duration : 60 ± 30 sec
- Dimension : 263 x 220 x 23 [82](mm)
- Embedding box size :

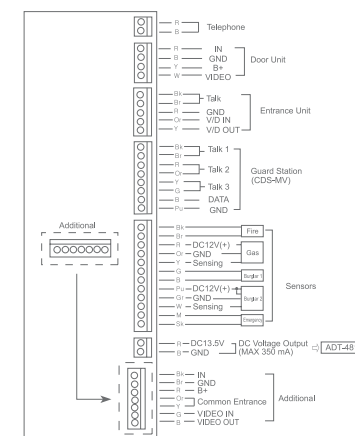
Features

- Compatible with 1.8GHz Wireless telephone (optional)
- Telephone function
- Simple operation though Buttons

Functions

- Monitoring & talk : Monitoring, Talk with a visitor, Monitoring a visitor in common entrance, Talk between households (Talk with video : optional), Compatible with 1.8GHz wireless telephone, Telephone function, Door lock release
- Security : Intruder alarm, Fire alarm, Gas leakage alarm

CONNECTING DIAGRAM



Recommended Products

Entrance units



Individual camera units



Home Automation System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



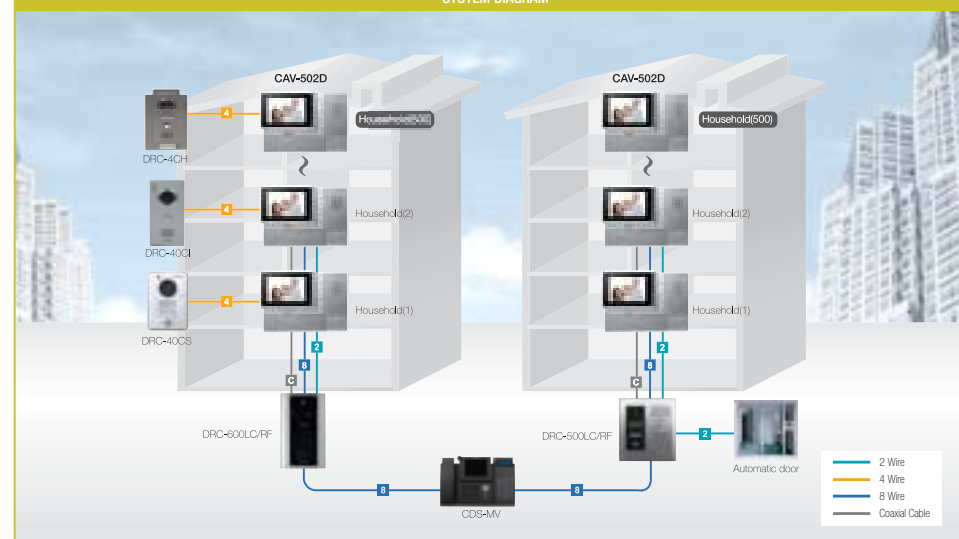
CAV-502D

Best popular product

COMMAX Home Automation is compatible with a lobby phone, a kitchen TV, sub-unit, bathroom unit, designed to run a intelligent service, such as the alarming of burglar, fire, gas leakage with various sensors as well as access control with a single-card. Event is notified to guard station or refined security company automatically so that it makes your home life safe.



SYSTEM DIAGRAM



Specifications

- Power source : AC100-240V, 18W
- Mounting type : Flush mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Display : 5 inch color TFT LCD
- Wiring : Bus type with 12 wires (Lobby phone : 4 wires / Guard unit : 8 wires)
Individual camera : 4 wires
- On-screen duration : 60 ± 30 sec
- Dimension : 310 x 208 x 32 [63](mm)
- Embedding box size :

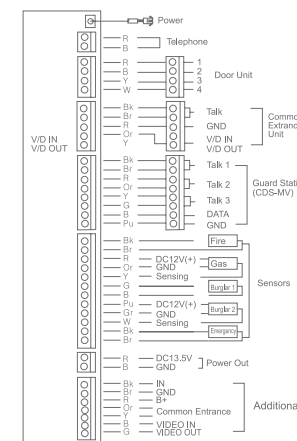
Features

- Compatible with 1.8GHz Wireless telephone (optional)
- Telephone function
- Simple operation through Buttons

Functions

- Monitoring & talk : Monitoring, Talk with a visitor, Monitoring a visitor in common entrance, Talk between households (Talk with video : optional), Compatible with 1.8GHz wireless telephone, Receiving a telephone call, Door lock release
- Security : Intruder alarm, Fire alarm, Gas leakage alarm

CONNECTING DIAGRAM



Recommended Products



Home Automation System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



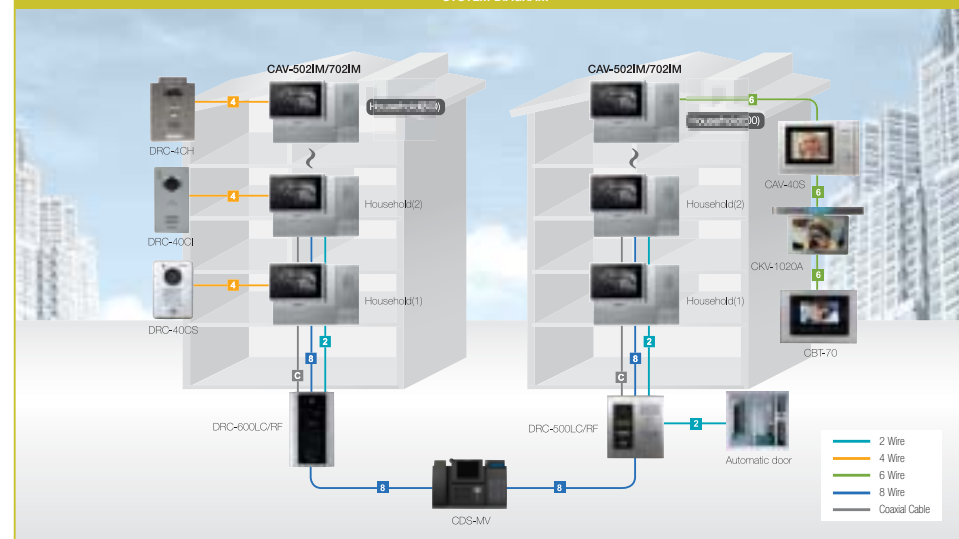
CAV-502IM /702IM

Best popular product

COMMAX Home Automation is compatible with a lobby phone, a kitchen TV, sub-unit, bathroom unit, designed to run a intelligent service, such as the alarming of burglar, fire, gas leakage with various sensors as well as access control with a single-card. Event is notified to guard station or refined security company automatically so that it makes your home life safe.



SYSTEM DIAGRAM



Specifications

- Power source : DC14V, 3A
- Mounting type : Flush mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Display : 5 inch / 7 inch wide color TFT LCD
- Wiring : Bus type with 12 wires(Lobby phone : 4 wires / Guard unit : 8 wires)
Individual camera : 4 wires
- On-screen duration : 60 ± 30 sec
- Dimension : 310 x 208 x 32 [63](mm)
- Embedding box size :

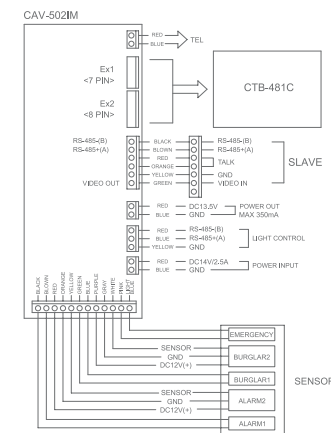
Features

- Lighting control by ARS
- Multilingual support(Korean, English, Russian)
- Record visitor's images
- On screen display(OSD) interface

Functions

- **Monitoring & talk** : Monitoring, Talk with a visitor, Monitoring a visitor in common entrance, Talk between households (Talk with video : optional, Telephone function, Monitoring image of a visitor when being away, Door lock release
- **Security** : Intruder alarm, Fire alarm, Gas leakage alarm, Connection of security company
- **Convenience function** : All-pull-out lights, Reviewing the alarm of a visitor when being away, OSD menu control
- **Remote control** : ARS

CONNECTING DIAGRAM



Recommended Products



Home Automation System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



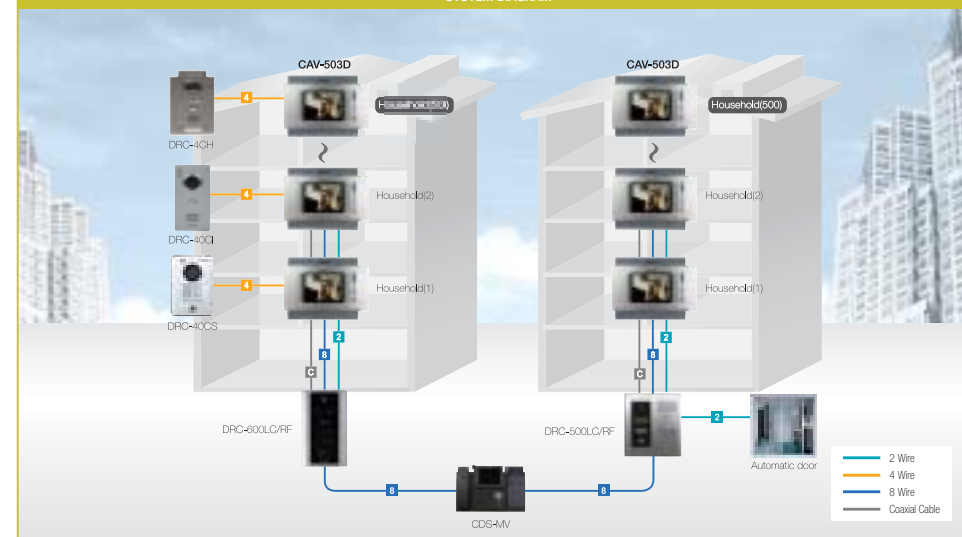
CAV-503D

Best popular product

COMMAX Home Automation is compatible with a lobby phone, a kitchen TV, sub-unit, bathroom unit, designed to run a intelligent service, such as the alarming of burglar, fire, gas leakage with various sensors as well as access control with a single-card. Event is notified to guard station or refined security company automatically so that it makes your home life safe.



SYSTEM DIAGRAM



Specifications

- Power source : AC100-240V, 18W
- Mounting type : Flush mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Display : 5 inch color TFT LCD
- Wiring : Bus type with 12 wires(Lobby phone : 4 wires / Guard unit : 8 wires)
Individual camera : 4 wires
- On-screen duration : 60 ± 30 sec
- Dimension : 279 x 205 x 17 [82](mm)
- Embedding box size :

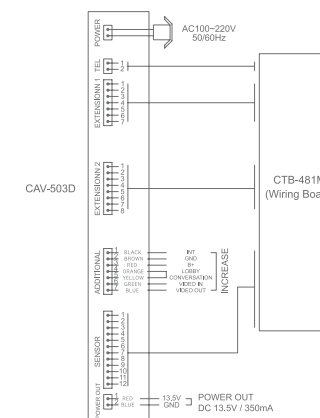
Features

- Compatible with 1.8GHz Wireless telephone (optional)
- Telephone function
- Simple operation though Buttons

Functions

- **Monitoring & talk** : Monitoring, Talk with a visitor, Monitoring a visitor in common entrance, Talk between households (Talk with video : optional), Compatible with 1.8GHz wireless telephone, Receiving a telephone call, Door lock release
- **Security** : Intruder alarm, Fire alarm, Gas leakage alarm

CONNECTING DIAGRAM



Recommended Products



Home Automation System

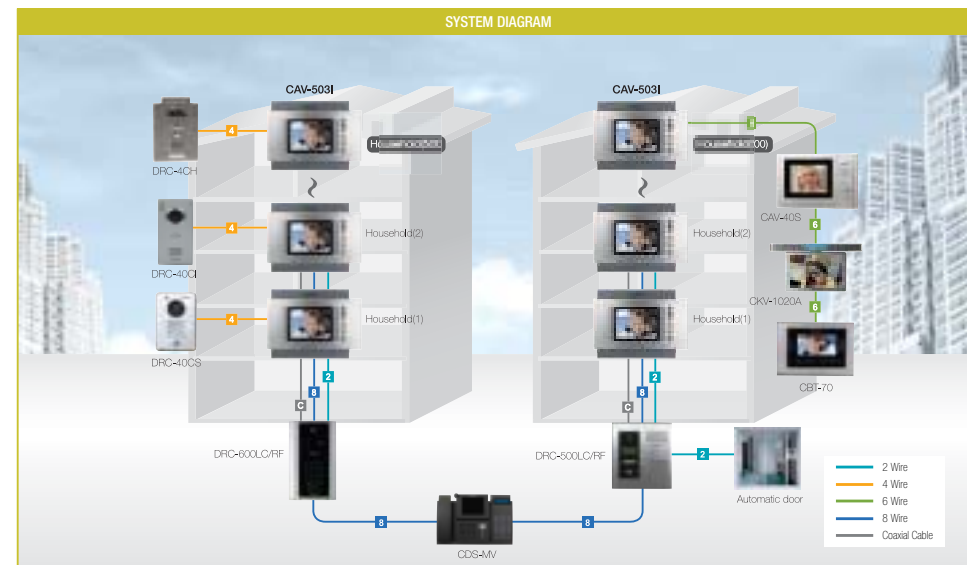
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CAV-5031

Best popular product

COMMAX Home Automation is compatible with a lobby phone, a kitchen TV, sub-unit, bathroom unit, designed to run a intelligent service, such as the alarming of burglar, fire, gas leakage with various sensors as well as access control with a single-card. Event is notified to guard station or refined security company automatically so that it makes your home life safe.



Specifications

- Power source : AC100-240V, 18W
- Mounting type : Flush mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Display : 5 inch color TFT LCD
- Wiring : Bus type with 12 wires(Lobby phone : 4 wires / Guard unit : 8 wires)
Individual camera : 4 wires
- On-screen duration : 60 ± 30 sec
- Dimension : 279 x 205 x 17 [82](mm)
- Embedding box size :

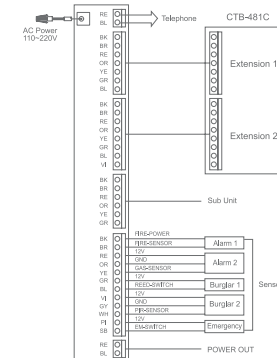
Features

- Sub unit compatible(max 3 units)
- Compatible with 1.8GHz Wireless telephone(optional)

Functions

- **Monitoring & talk** : Monitoring, Talk with a visitor, Monitoring a visitor in common entrance, Talk between households(Talk with video : optional), Compatible with 1.8GHz wireless telephone, Receiving a telephone call, Door lock release
- **Security** : Intruder alarm, Fire alarm, Gas leakage alarm

CONNECTING DIAGRAM



Recommended Products

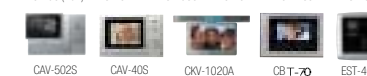
Entrance units



Individual camera units



Sub units



Home Automation System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



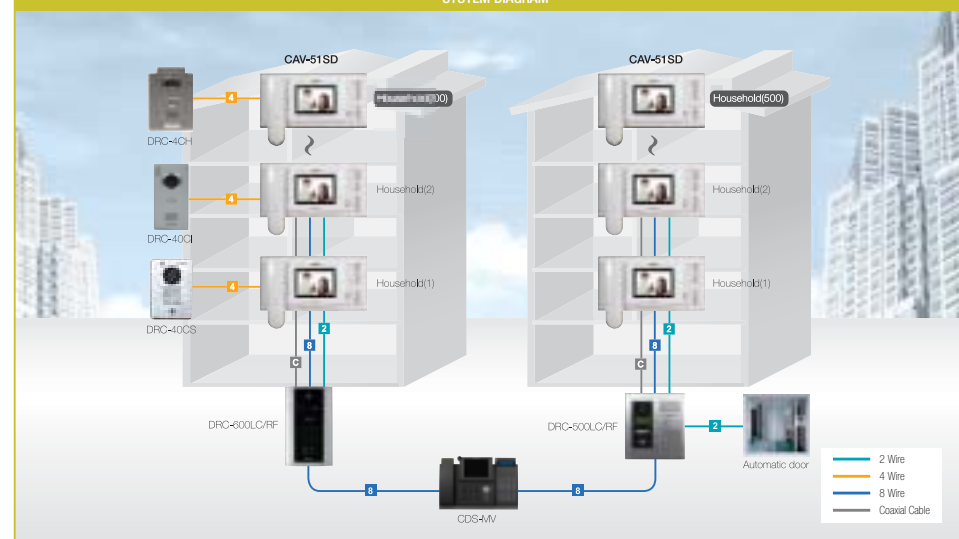
CAV-51SD

Surface mount type product

COMMAX Home Automation is compatible with a lobby phone, a kitchen TV, sub-unit, bathroom unit, designed to run a intelligent service, such as the alarming of burglar, fire, gas leakage with various sensors as well as access control with a single-card. Event is notified to guard station or refined security company automatically so that it makes your home life safe.



SYSTEM DIAGRAM



Specifications

- Power source : AC100-240V, 18W
- Mounting type : Wall surface mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Display : 5 inch color TFT LCD
- Wiring : Bus type with 12 wires(Lobby phone : 4 wires / Guard unit : 8 wires)
Individual camera : 4 wires
- On-screen duration : 60 ±30 sec
- Dimension : 323 x 165 x 56(mm)

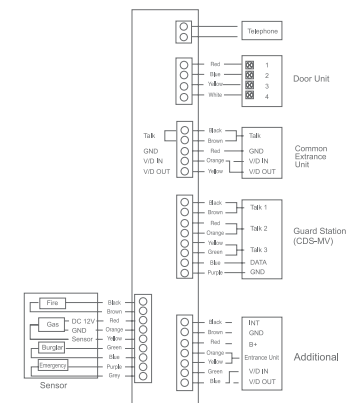
Features

- Wall surface mount type home automation
- Simple operation through Buttons

Functions

- Monitoring & talk : Monitoring, Talk with a visitor, Monitoring a visitor in common entrance, Talk between households (Talk with video : optional), Compatible with 1.8GHz wireless telephone, Receiving a telephone call, Door lock release
- Security : Intruder alarm, Fire alarm, Gas leakage alarm

CONNECTING DIAGRAM



Recommended Products



Home Automation System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



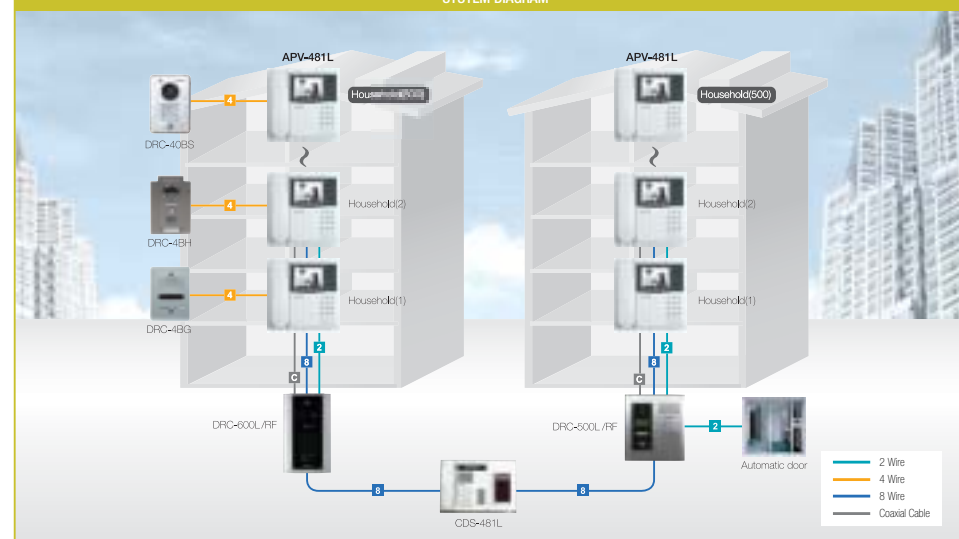
APV-481L

Surface mount type product

COMMAX Home Automation is compatible with a lobby phone, a kitchen TV, sub-unit, bathroom unit, designed to run a intelligent service, such as the alarming of burglar, fire, gas leakage with various sensors as well as access control with a single-card. Event is notified to guard station or refined security company automatically so that it makes your home life safe.



SYSTEM DIAGRAM



Specifications

- Power source : AC100-240V, 18W
- Mounting type : Wall surface mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Display : 4 inch black & white flat CRT
- Wiring : Bus type with 12 wires(Lobby phone : 4 wires / Guard unit : 8 wires)
Individual camera : 4 wires
- On-screen duration : 60 ± 30 sec
- Dimension : 213 x 220 x 58(mm)

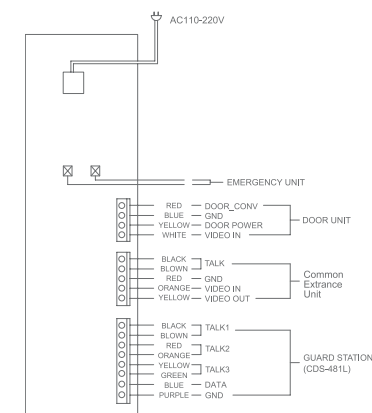
Features

- Wall surface mount type home automation
- Simple operation though buttons
- Emergency call to guard unit

Functions

- Monitoring & talk : Monitoring, Talk with a visitor, Monitoring a visitor in common entrance, Talk between households (Talk with video : optional), Telephone function, Door lock release
- Security : Intruder alarm, Fire alarm, Gas leakage alarm

CONNECTING DIAGRAM



Recommended Products



Home Automation System

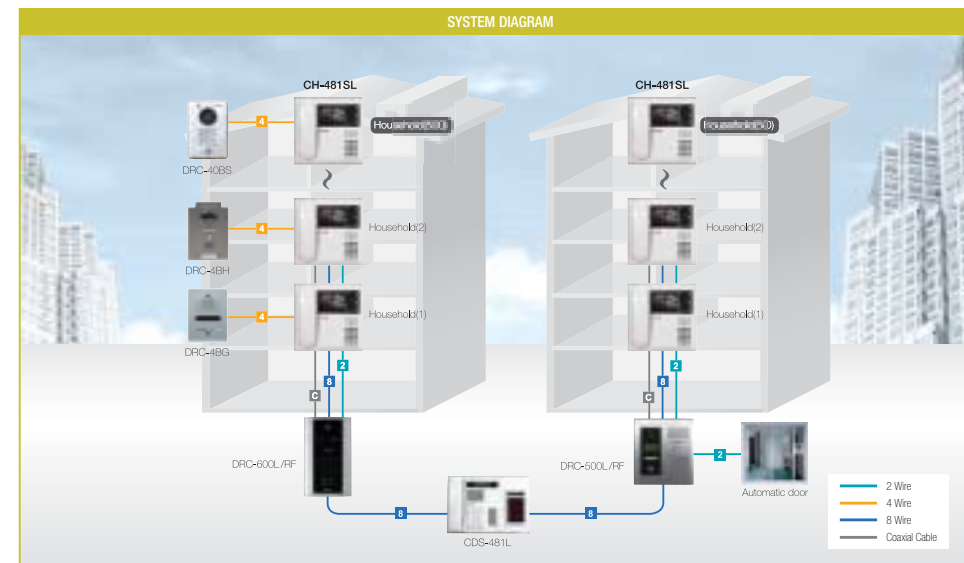
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CH-481SL

Flush mount type product

COMMAX Home Automation is compatible with a lobby phone, a kitchen TV, sub-unit, bathroom unit, designed to run a intelligent service, such as the alarming of burglar, fire, gas leakage with various sensors as well as access control with a single-card. Event is notified to guard station or refined security company automatically so that it makes your home life safe.



Specifications

- Power source : AC100-240V, 18W
- Mounting type : Flush mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Display : 4 inch black & white flat CRT
- Wiring : Bus type with 12 wires(Lobby phone : 4 wires / Guard unit : 8 wires)
Individual camera : 4 wires
- On-screen duration : 60 ± 30 sec
- Dimension : 255 x 250 x 21 (66)(mm)
- Embedding box size :

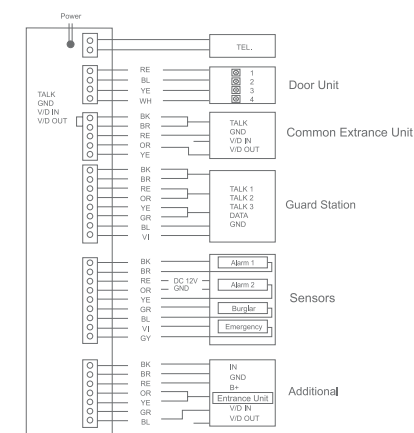
Features

- Simple operation though buttons
- Emergency call to guard unit

Functions

- **Monitoring & talk :** Monitoring, Talk with a visitor, Monitoring a visitor in common entrance, Talk between households (Talk with video : optional), Telephone function, Door lock release
- **Security :** Intruder alarm, Fire alarm, Gas leakage alarm

CONNECTING DIAGRAM



Recommended Products



Home Automation System

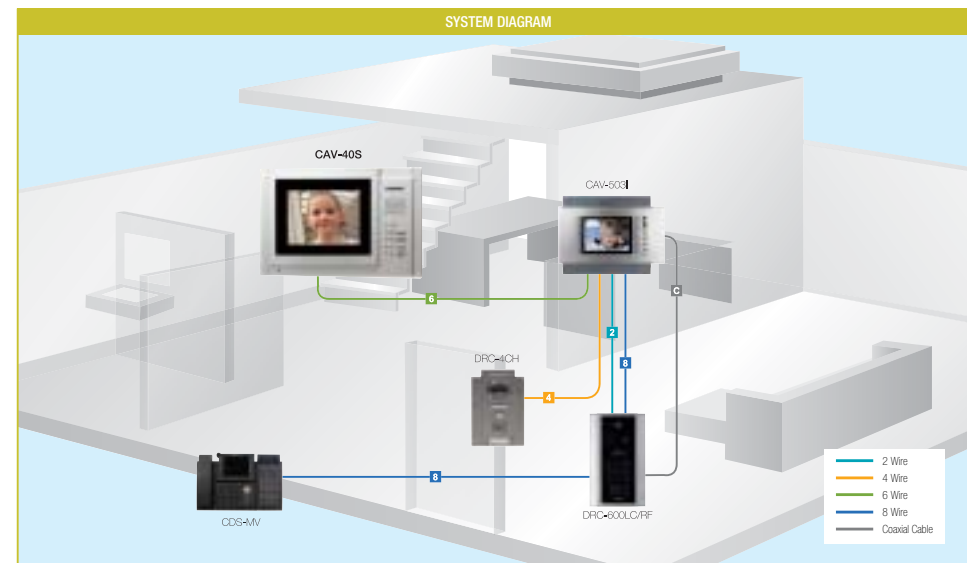
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CAV-40S

Slave phone

COMMAX Home Automation is compatible with a lobby phone, a kitchen TV, sub-unit, bathroom unit, designed to run a intelligent service, such as the alarming of burglar, fire, gas leakage with various sensors as well as access control with a single-card. Event is notified to guard station or refined security company automatically so that it makes your home life safe.



Specifications

- Power source : AC100-240V, 18W
- Mounting type : Flush mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Display : 4 inch color TFT LCD
- Wiring : Bus type with 6 wires
- On-screen duration : 60 ± 30 sec
- Dimension : 216 x 140 x 17 [72](mm)
- Embedding box size :

Functions

- Sub unit for home network & home automation
- Bathroom usage only with waterproof/moisture proof feature
- Telephone function
- Emergency call
- Talk with a visitor
- Monitoring a visitor in common entrance

Recommended Products

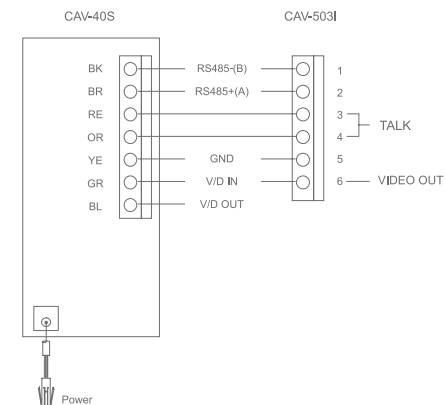
Home network



Home automation



CONNECTING DIAGRAM



Home Automation System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



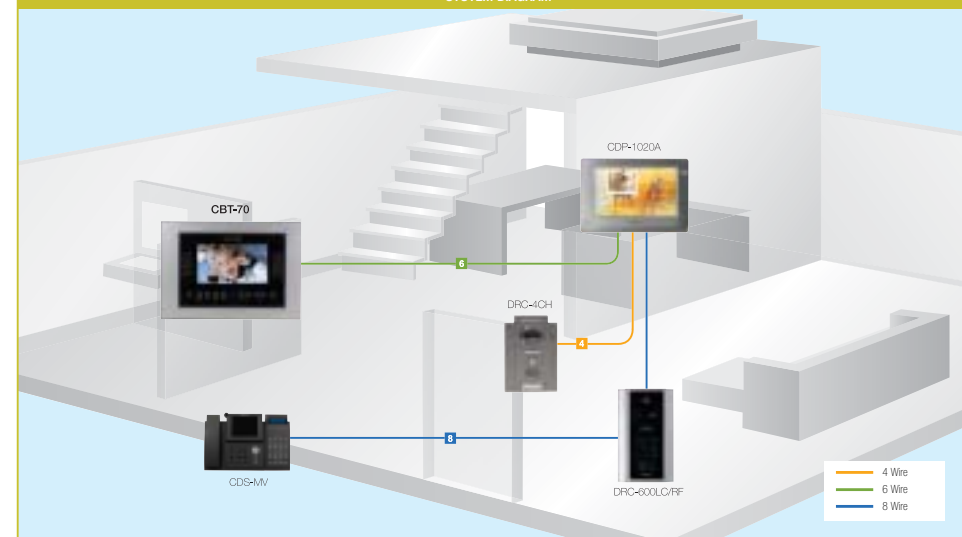
CBT-70

Water proof TV with flush mount type

COMMAX Home Automation is compatible with a lobby phone, a kitchen TV, sub-unit, bathroom unit, designed to run a intelligent service, such as the alarming of burglar, fire, gas leakage with various sensors as well as access control with a single-card. Event is notified to guard station or refined security company automatically so that it makes your home life safe.



SYSTEM DIAGRAM



Specifications

- Power source : AC100-240V, 18W
- Mounting type : Flush mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Display : 7 inch wide color TFT LCD
- Wiring : Bus type with 6 wires
- On-screen duration : 60 ± 30 sec
- Dimension : 328 x 231 x 18 [76](mm)
- Embedding box size :

Functions

- Sub unit for home network & home automation
- Bathroom usage only with waterproof/moisture proof feature
- Receiving a telephone call
- Emergency call
- Talk with a visitor
- Monitoring a visitor in common entrance
- TV watching
- Available TV watching at various angles(Vertical 45°/ Horizontal 160°)

Recommended Products

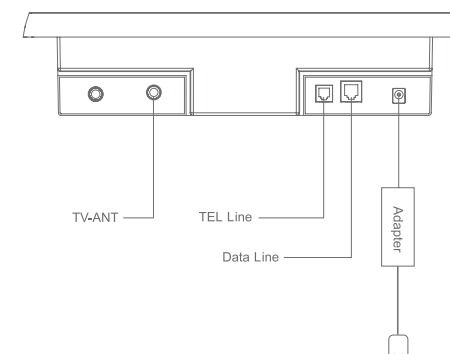
Home network



Home automation



CONNECTING DIAGRAM



Home Automation System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CDS-MV

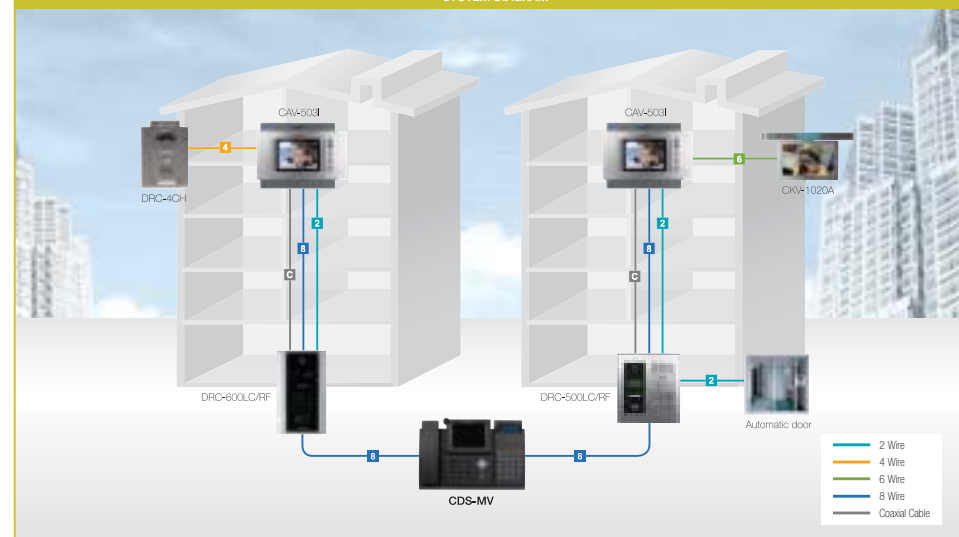
Video monitoring and conversation at main entrance, by using 5" LCD

CDS-MV is designed to strengthen the security of multi-residential complexes, and allows to talk with visitors, who are at main common entrance.

The station also is designed to control and manage various big public events, which may be hold inside of residential complexes.



SYSTEM DIAGRAM



Specifications

- Power source : DC14V, 3A
- Temperature : 0°C ~ +50°C (32°F ~ 122°F)
- Display : 5 inch color TFT LCD
- Wiring : Bus type with 8 wires
- Distance : 1Km(Ø0.65)
- On-screen duration : 60 ± 30 sec
- Dimension : 330 x 224 x 100(mm)

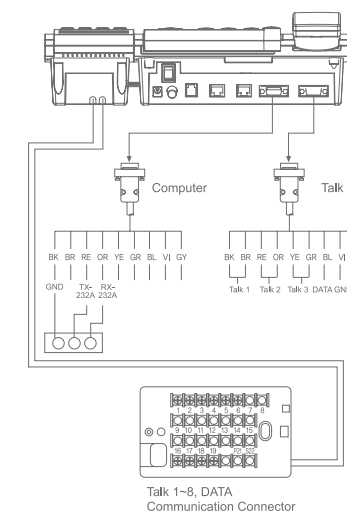
Features

- Screening and talking with visitors at common entrance
- 5 inch LCD screen allows user to adjust angle for being able to monitor by optimal quality screen

Functions

- Calling and talking with household
- Parking management
- Screening and control over going outside
- Screening for delivery
- Emergency indication and screening inside house
- Telephone book

CONNECTING DIAGRAM



Recommended Products

- Home automation color video door monitors, home network wall-pad(CDP-1020H)s with internet and leased line functions.

Home Automation System

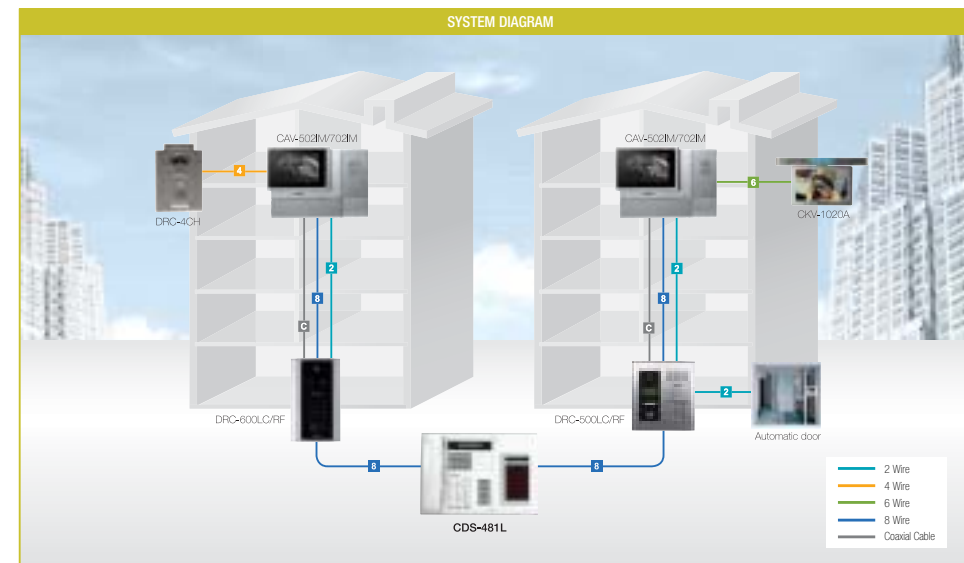
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CDS-481L

Residential complex management device

CDS-481L is designed to control and manage various big public events, which may be hold inside of residential complexes. It also allows to call and communicate freely with visitor at common entrance from residency. CDS-481L is a cutting edge product, which allows tenant to quickly identify and react to any emergency situation, that could happen inside of residential house.



Specifications

- Power source : DC14V, 3A
- Temperature : 0°C ~ +50°C (32°F ~ 122°F)
- Wiring : Bus type with 8 wires
- Distance : 1Km(ϕ 0.65)
- Dimension : 328 x 230 x 97(mm)

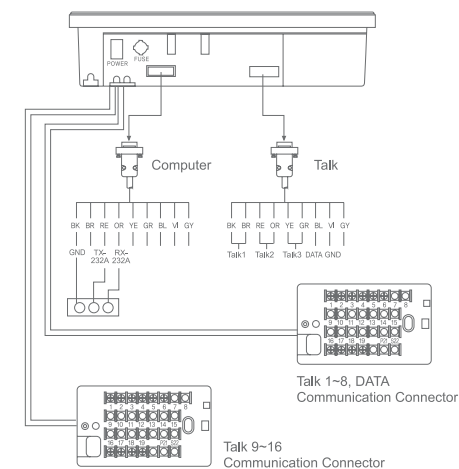
Functions

- Calling and talking with household
- Parking management
- Screening and control over going outside
- Screening for delivery
- Emergency indication and screening inside house

Recommended Products

- Home automation color video door monitors, home network wall-pad(CDP-1020H)s with internet and leased line functions.

CONNECTING DIAGRAM



Home Automation System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



Common Entrance Lobby Phone

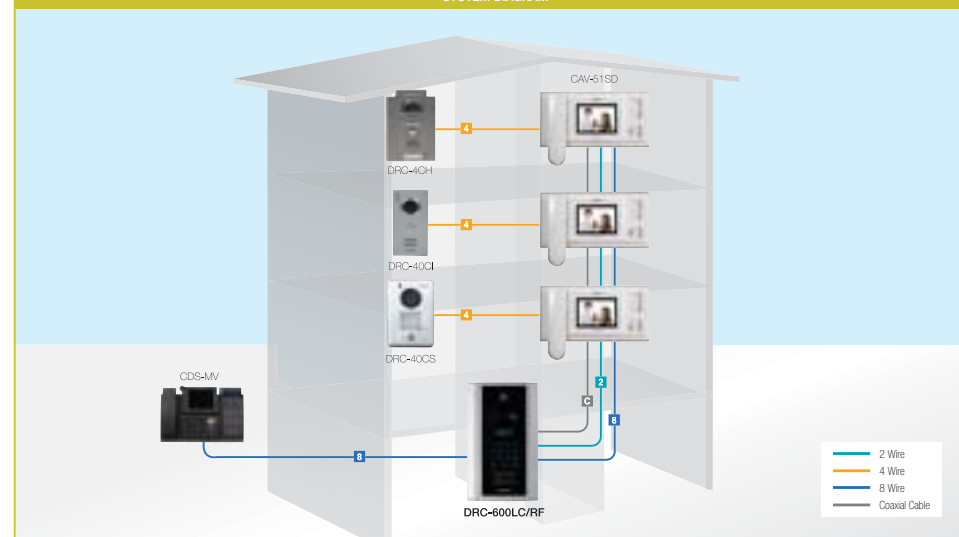
DRC-600LC/RF

New lobby phone

DRC-600LC/RF is the most trustworthy and credible door entry control device. It is made of metal, and emphasizes solidity and upgraded elegant design, well matching any installation environments.



SYSTEM DIAGRAM



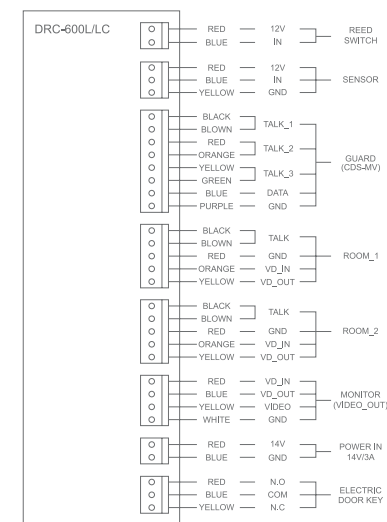
Specifications

- Power source : DC14V, 3A
- Mounting type : Flush mounted type
- Temperature : -10°C ~ +50°C (14°F ~ 122°F)
- Wiring : 1)Guard unit : Bus type with 8 wires
2)Household : Bus type with 4 wires
- Dimension : 212 x 362 x 22 [63](mm)
- Embedding box size :

Functions

- Monitoring and talk with a visitor
- Talk with guard station
- Door lock release
- Each pin setting per a house
- RF card and finger scanning setting
- Calling and talking with household
- Calling and talking with Guard unit

CONNECTING DIAGRAM



Recommended Products

- Home automation color video door monitors,
- home network wall-pad(CDP-1020H)s with internet and leased line functions.

Home Automation System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



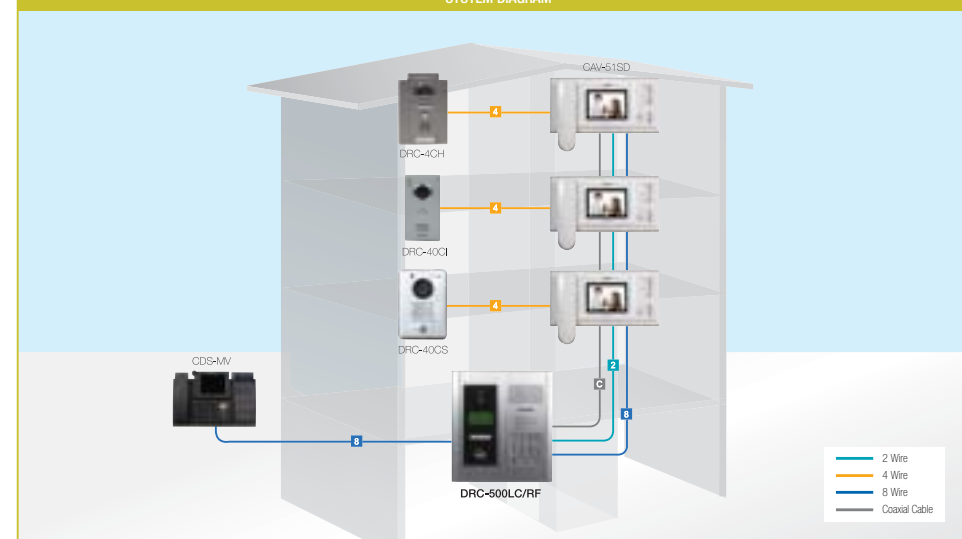
Common Entrance Lobby Phone

DRC-500LC/RF

DRC-500LC/RF is a very credible common door entry lobby phone. It is made of metal, and emphasizes solidity and upgraded elegant design, that will well suit any installation environments.



SYSTEM DIAGRAM



Specifications

- Power source : AC100-240V, 18W
- Mounting type : Flush mounted type
- Temperature : -10°C ~ +50°C (14°F ~ 122°F)
- Wiring : 1)Guard unit : Bus type with 8 wires
2)Household : Bus type with 4 wires
- Dimension : 250 x 276 x 12 [61](mm)
- Embedding box size :

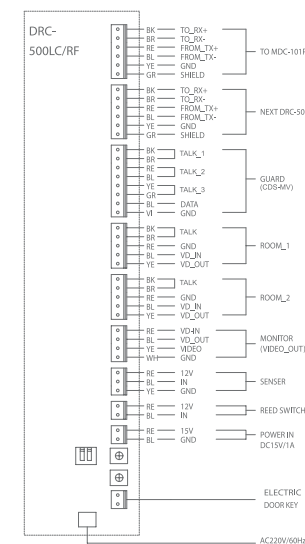
Functions

- Monitoring and talk with a visitor
- Talk with guard station
- Door lock release
- Each pin setting per a house
- RF card and finger scanning setting
- Calling and talking with household
- Calling and talking with Guard unit

Recommended Products

- Home automation color video door monitors,
- home network wall-pad(CDP-1020H)s with internet and leased line functions.

CONNECTING DIAGRAM





Multi-Entry Strategy System

A highly functional and advanced Multi-entry strategy system provides safety for residents. Multi-entry strategy system enables residents to view and talk with visitors and open the door allowing visitor access.

This system provides security convenience for all residents as total security system. Visitors are visually identified by the video monitor at each house.

Elegance to use design makes it the right choice for multiple household buildings.



Multi-Entry Strategy System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

SYSTEM DIAGRAM



Specification

- Easy installation and saving cost with one UTP cable(CAT.5)
- Various room unit selection in color, B/W and audio door phone.
- Various choice of entrance panel in accordance with the number of households (Key button type, simple button type)
- Cover up to 200 households per building and up to 12 buildings (2,400 households)
- Outside distributor is allowed to control a access of this system by connecting up to 4 outside entrance panels.
- Modular in simple button type for easy extension.
- Connectable up to 2 sub units
(Total 3 in-house units connectable including master unit)
- Research names of each residents through key button.
- Easy recognition at night by white LED lamp(Key pad type)
- Single power covers up to 8 floor distributors.
- Power source : DC 28V / 5A



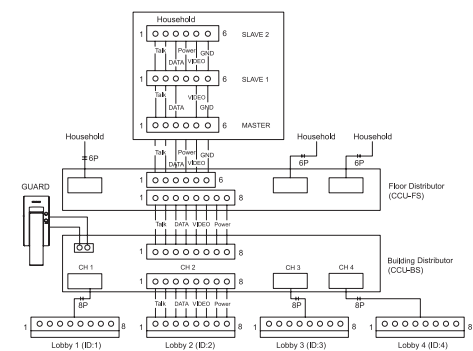
Specifications

- Power source : DC 24V-28V, 5A(Supplied from floor distributor)
- An extra power is required for sub units.
- Display : 5 inch TFT LCD
- Mounting type : Wall surface mounted type
- Wiring : To floor distributor-6 wires(Talk2, Data1, Power1, Video1, GND1)
- Distance : Between floor distributor to in-house unit UTP(φ0.5)50m
- Communication : Handset
- On-screen duration : 60 ±30 sec
- Dimension : 285 x 140 x 46(mm)

Functions

- DC type color video door phone
- When installing only 1 master unit, power is supplied from a -building distributor without an additional power supply.
- Sub units need an extra power source.
- 3 Buttons : "Guard station call", "Door release", "Extension call"
- COMMAX chime(Sol, Mi, Do) is the ring tone that sounds from multi entry panel.
- "Ding-dong" sounds from an individual door when there is a call.
- Door lock release
- 6 wires UTP cable(CAT 5.) including a power source.

CONNECTING DIAGRAM



Multi-Entry Strategy System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



In-home unit

APV-4PM

B/W

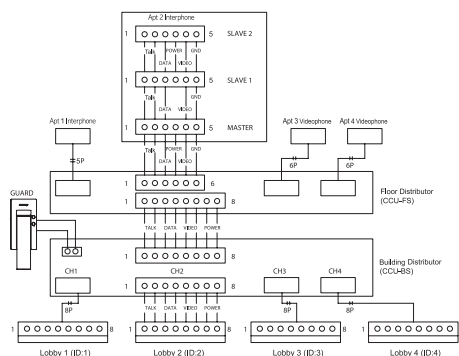
Specifications

- **Power source** : DC 24V-28V, 5A(Supplied from floor distributor)
- An extra power is required for sub units.
- **Display** : 4 inch flat CRT
- **Mounting type** : Wall surface mounted type
- **Wiring** : To CCU-FS 6 wires(Talk2, Data1, Power1, Video1, GND1)
- **Distance** : Between CCU-FS to in-house unit UTP(Ø0.5)50m
- **Communication** : Handset
- **On-screen duration** : 60 ±30 sec
- **Dimension** : 196 x 220 x 59(mm)

Functions

- DC type color video door phone
- When installing only 1 master unit, power is supplied from a building distributor without an additional power supply.
- Sub units need an extra power source.
- 3 Buttons : "Guard station call", "Door release", "Extension call"
- COMMAX chime(Sol, Mi, Do) is the ring tone that sounds from multi entry panel. "Ding-dong" sounds from an individual door when there is a call.
- Door lock release
- 6 wires UTP cable(CAT 5.) including a power source.

CONNECTING DIAGRAM



In-home unit

AP-5HM

Audio

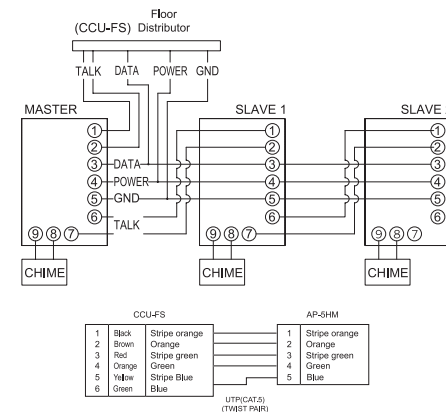
Specifications

- **Power source** : DC 24V-28V, 5A(Supplied from floor distributor)
- **Wiring** : To CCU-FS 5 wires(Talk2, Data1, Power1, GND1)
- **Distance** : Between CCU-FS to in-house unit UTP(Ø0.5)50m
- **Communication** : Handset
- **Dimension** : 94 x 185 x 40(mm)

Functions

- DC type audio door phone
- When installing only 1 master unit, power is supplied from a building distributor without an additional power supply.
- 2 Buttons : "Door release", "Extension call"
- COMMAX chime(Sol, Mi, Do) is the ring tone that sounds from multi entry panel. "Ding-dong" sounds from an individual door when there is a call.
- Door lock release
- 5 wires UTP cable(CAT 5.) including a power source.

CONNECTING DIAGRAM

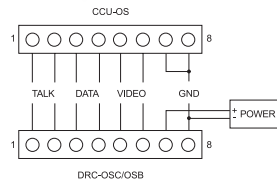


Multi-Entry Strategy System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

Lobby phone DRC-OSC/OSB Outside lobby phone

CONNECTING DIAGRAM



Specifications

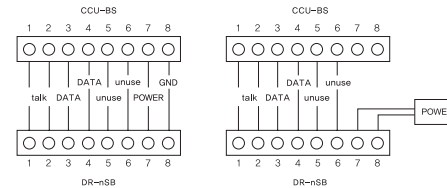
- **Power source** : DC 24V-28V
- **Temperature** : -10°C ~ +40°C (14°F ~ 104°F)
- **Display** : 126 x 64(Key pad type)
- **Wiring** : 8 wires(Talk2, Data2, Video2, Power1, GND1)
- **Distance** : CCU-OS ~ DRC-OSC/OSB : 400m
- **On-screen duration** : 60 ±30 sec
- **Dimension** : 140 x 341 x 30 [44](mm)

Functions

- Connect up to 4 outside entry panels per CCU-OS.
- Full duplex
- Manual camera angle adjustment
- Night automatic illumination (White LED / Built-in camera)
- Door lock release by personal identity number.
- Talk with a guard(Audio type)

Lobby phone DRC-nSC/nSB Building lobby phone

CONNECTING DIAGRAM



Specifications

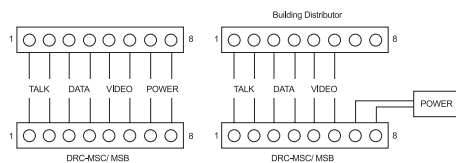
- **Power source** : DC 24V-28V
- **Temperature** : -10°C ~ +40°C (14°F ~ 104°F)
- **Wiring** : 8 wires(Talk2, Data2, Video2, Power1, GND1)
- **Distance** : CCU-OS ~ DRC-OSC/OSB : 400m
- **On-screen duration** : 60 ±30 sec
- **Dimension** : 140 x 341 x 30 [44](mm)

Functions

- Simple installation : 8wires when including a separate power source / All wiring can be used with one UTP cable (CAT 5.)
- Connect up to 4 multi-entry panels per building.
- Connect up to 3 in-house units, including the master unit per household.
- Connect up to 4 residences units with one floor distributor (CCU-FS) per floor.
- Connect all multi-entry panels with one building distributor (CCU-BS).
- Multi-entry panels require a power source of DC 24V and DC 28V if a separate power supply is needed to support more installation distance.
- All the in-house units(Color video door phone, B/W door phone or Audio door phone) are DC power type products and only the master unit is supplied with a power source from the floor distributor (CCU-FS). Additional in-house units need a separate power source, except for the audio type in-house unit (AP-5HM).
- A door camera unit does not serve as an individual door bell, but the 2 wires door bell type is supported for an individual door.
- Full duplex
- Manual camera angle adjustment
- Night automatic illumination-white LED illumination (Built-in camera)
- Door lock release
- Talk with a guard(Audio type)

Lobby phone DRC-MSC/MSB Building lobby phone

CONNECTING DIAGRAM



Specifications

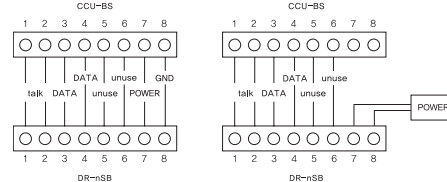
- **Power source** : DC 24V-28V
- **Temperature** : -10°C ~ +40°C (14°F ~ 104°F)
- **Display** : 126 x 64(Key pad type)
- **Wiring** : 8 wires(Talk2, Data2, Video2, Power1, GND1)
- **On-screen duration** : 60 ±30 sec
- **Dimension** : 140 x 341 x 30 [44](mm)

Functions

- Inter-connection among in-houses units such as CAV-51M / APV-4PM/AP-5HM.
- Connecting to door bell.
- Simple installation : 8wires when including a separate power source / All wiring can be used with one UTP cable(CAT 5.)
- Connect up to 4 multi-entry panels per building.
- Connect up to 3 in-house units, including the master unit per household.
- Connect up to 4 residences units with one floor distributor (CCU-FS) per floor.
- Connect all multi-entry panels with one building distributor (CCU-BS).
- Multi-entry panels require a power source of DC 24V and DC 28V if a separate power supply is needed to support more installation distance.
- All the in-house units(Color video door phone, B/W door phone or Audio door phone) are DC power type products and only the master unit is supplied with a power source from the floor distributor (CCU-FS). Additional in-house units need a separate power source, except for the audio type in-house unit (AP-5HM).
- A door camera unit does not serve as an individual door bell, but the 2 wires door bell type is supported for an individual door.
- Full duplex
- Manual camera angle adjustment
- Night automatic illumination-white LED illumination (Built-in camera)
- Door lock release
- Talk with a guard(Audio type)

Lobby phone DRC-nSB Building lobby phone

CONNECTING DIAGRAM



Specifications

- **Power source** : DC 24V-28V, 5A
- **Temperature** : -10°C ~ +40°C (14°F ~ 104°F)
- **Display** : 126 x 64(Key pad type)
- **Wiring** : 6 wires(Talk2, Data2, Power1, GND1)
- **On-sound duration** : 30 sec
- **Dimension** : 140 x 341 x 16 [30](mm)

Functions

- As this is an audio type multi-entry panel without a camera module, it cannot be connected with color or B/W video door phone.
- Connecting to door bell.
- Simple installation : 6wires when including a separate power source / All wiring can be used with one UTP cable(CAT 5.)
- Connect up to 4 multi-entry panels per building.
- Connect up to 3 in-house units, including the master unit per household.
- Connect up to 4 residences units with one floor distributor (CCU-FS) per floor.
- Connect all multi-entry panels with one building distributor (CCU-BS).
- Multi-entry panels require a power source of DC 24V and DC 28V if a separate power supply is needed to support more installation distance.
- All the in-house units are DC power type products and only the master unit is supplied with a power source from the floor distributor (CCU-FS). Additional in-house units need a separate power source, except for the audio type in-house unit (AP-5HM).
- A door camera unit does not serve as an individual door bell, but the 2 wires door bell type is supported for an individual door.
- Full duplex
- Door lock release

Multi-Entry Strategy System

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

Lobby phone

DRC-nMS

Building lobby phone

Specifications

- **Power source** : Power supplied from DRC-nSC/SB or DR-nSB
- **Temperature** : -10°C ~ +40°C (14°F ~ 104°F)
- **On-sound duration** : 60 ±30 sec
- **Dimension** : 140 x 341 x 16 [30](mm)

Functions

- **Button type model** : DR-4MS / 8MS / 12MS

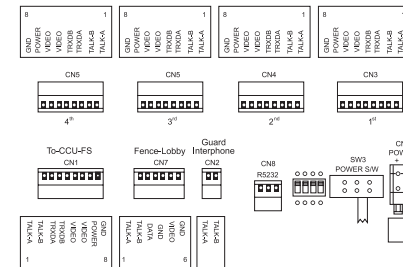


Distributors

CCU-BS

Building distributor

CONNECTING DIAGRAM



Specifications

- **Power source** : DC 24V-28V, 5A
- **Power consumption** : Stand-by-215mA / Operating 1.3A
- **Wiring** : 1)CCU-BS to CCU-FS : 8 wires
2)CCU-BS to CCU-OS : 6 wires
- **Distance** : 1)CCU-BS to last CCU-FS : 200m / CCU-BS to entry panel, within 20m on normal power operation(Using separate power supply maximum of up to 100m)
2)Wiring can be used with one UTP cable(CAT 5.) to entry panel.

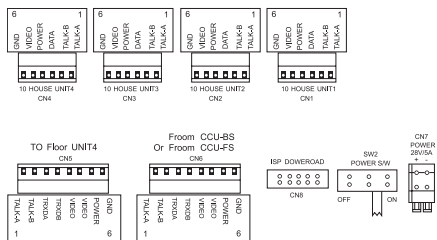


Distributors

CCU-FS

Floor distributor

CONNECTING DIAGRAM



Specifications

- **Power source** : DC 24V-28V, 5A
- **Power consumption** : Stand-by-215mA / Operating 1.3A
- **Wiring** : 1)CCU-BS to CCU-FS : 8 wires
2)CCU-FS to in-house : 6 wires
- **Distance** : 1)CCU-BS to last CCU-FS : 200m / CCU-BS to entry panel, within 20m on normal power operation(Using separate power supply maximum of up to 100m)
2)Wiring can be used with one UTP cable(CAT 5.) to entry panel.

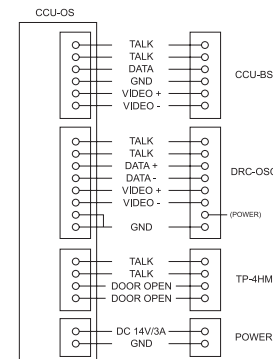


Distributors

CCU-OS

Outside distributor

CONNECTING DIAGRAM



Specifications

- **Power source** : DC 14V, 3A
- **Power consumption** : Stand-by-215mA / Operating 1.3A
- **Wiring** : 1)CCU-OS to CCU-BS : 6 wires
2)CCU-OS to DRC-OSC/OSB : 8 wires
- **Distance** : 1)CCU-BS to CCU-OS : 400m
2)Wiring can be used with one UTP cable(CAT 5.) to entry panel.

Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CAV-71B

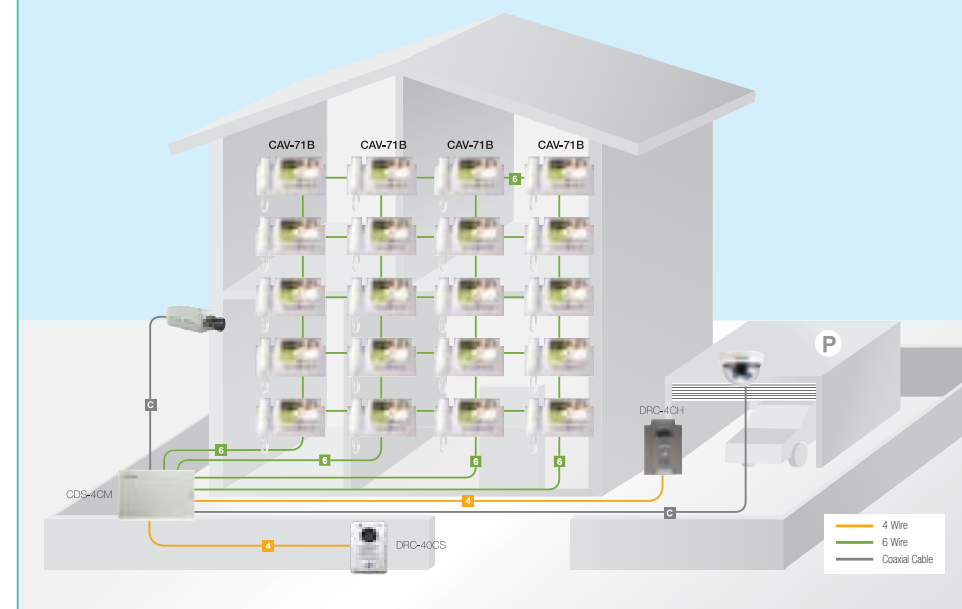
World first

"Smart view" series is one of COMMAX products that can satisfy various clients' needs, launched with unique concept as the first world's video door phone through COMMAX 40th technology know-how.

Acquisition of 2008 "iF Design award" proves its design is to a world-class.



SYSTEM DIAGRAM



Specifications

CAV-71B

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 17W
- Display : 7 inch wide TFT LCD
- Mounting type : Wall surface mounted type
- Wiring : 1)CDS-4CM(Video distributor unit) : 6 wires
2)CAV-71B : 6 wires
- Distance : CAV-71B to CAV-71B : 20m($\phi 0.65$)
- Communication : Handset & Hands free
- On-screen duration : 60 \pm 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Image record : 128 cuts
- Dimension : 314 x 173 x 44(mm)

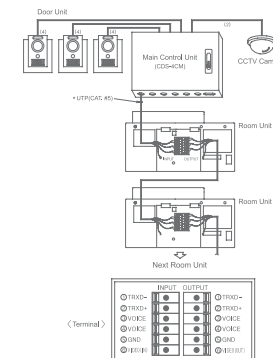
CDS-4CM

- Power source : AC 100V-240V
- Wiring : 1) Camera unit : 4 wires
2) Master monitor unit : 6 wires
3) Telephone : 2 wires
- Distance : To door camera unit : 50m, To master unit : 20m
- Dimension : 300 x 200 x 51(mm)

Functions

- Up to 4 cameras(Inter-choice CCTV camera or door camera) and up to 20 monitors are connected through CDS-4CM.
- 7 inch TFT LCD is applied to see a visitor for high resolution quality.
- Reviewing the image of a visitor when being away
- Intercom function
- Monitoring & talk with a visitor
- Door lock release
- OSD(On screen display) interface

CONNECTING DIAGRAM



Recommended Products

Monitors



Door cameras



Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CAV-72B/CDT-180

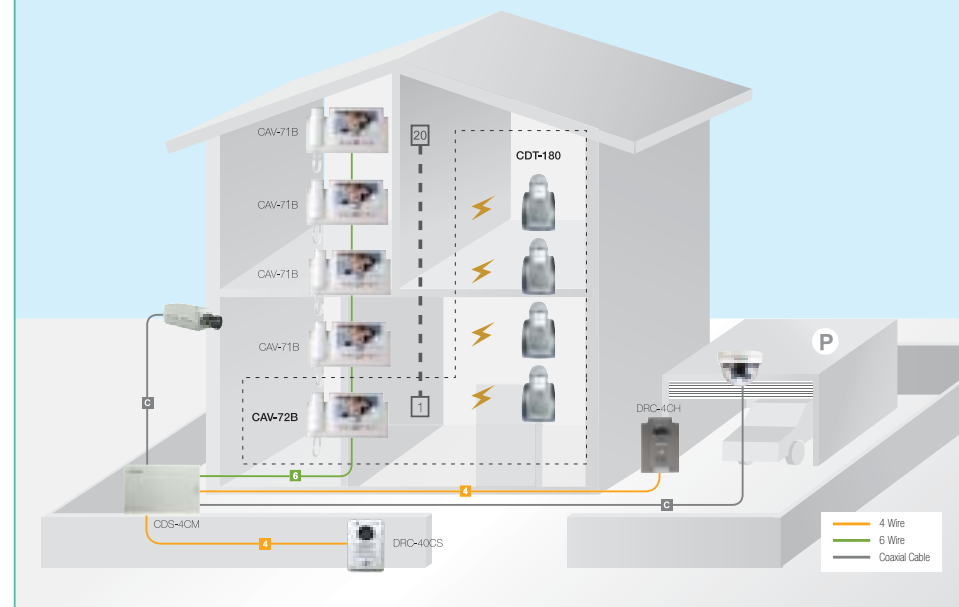
Free-communication

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Acquisition of 2008 "iF Design award" proves its design is to a world-class.



SYSTEM DIAGRAM



Specifications

CAV-72B

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 17W
- Display : 7 inch wide TFT LCD
- Mounting type : Wall surface mounted type
- Wiring : 1)CDS-4CM(Video distributor unit) : 6wires 2)Monitor unit : 6 wires
- Distance : CAV-72B to CAV-72(1)B : 20m(φ0.65)
- Communication : Handset & Hands free
- On-screen duration : 60 ~ 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Image record : 128 cuts
- Dimension : 314 x 173 x 44(mm)

CDT-180

- Power source : Ni-MH 1.2V 600mA, AAAx3(Handset)
- Distance : Outdoor Max 200m / Indoor Max 40m
- Dimensions : 1)Handset : 28 x 46.5 x 115(mm) 2)Base station : 133 x 81.5 x 52.5(mm)

Functions

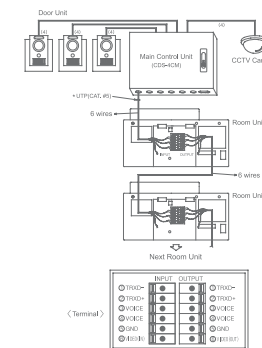
CAV-72B

- Up to 4 DECT phones per CAV-72B.
- Up to 4 cameras and up to 20 monitors are connected through CDS-4CM.
- 7 inch TFT LCD is applied to see a visitor for high resolution quality.
- Reviewing the image of a visitor when being away
- Intercom function • Monitoring & talk with a visitor
- Door lock release • OSD interface • Telephone receiving.

CDT-180

- Talk with a visitor • Telephone function • Door lock release
- Max 100 of telephone directory • Intercom function between DECT phone
- Max 10 of redial number directory

CONNECTING DIAGRAM



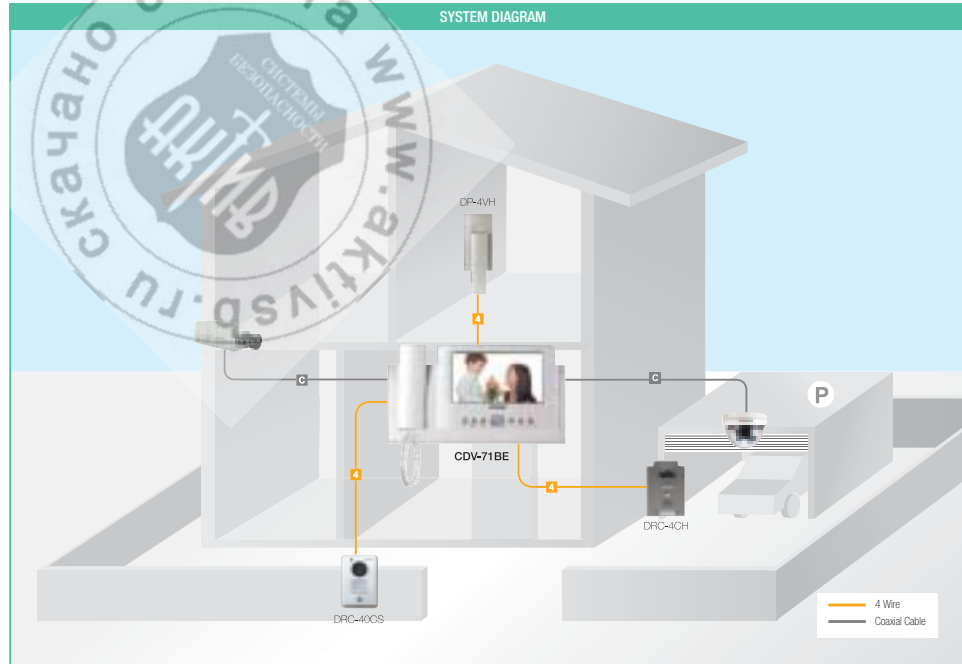
Recommended Products

Monitors



Door cameras





Video Door Phone (Smart View Series)

CDV-71BE

Standalone

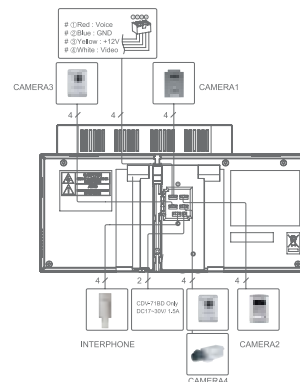
Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 25W
- Display : 7 inch wide TFT LCD
- Mounting type : Wall surface mounted type
- Wiring : 1)Camera unit : 4 wires
2)Interphone : 4 wires
- Distance : 50m(φ0.65)
- Communication : Handset
- On-screen duration : 60 ± 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Image record : 128 cuts
- Dimension : 314 x 173 x 44(mm)

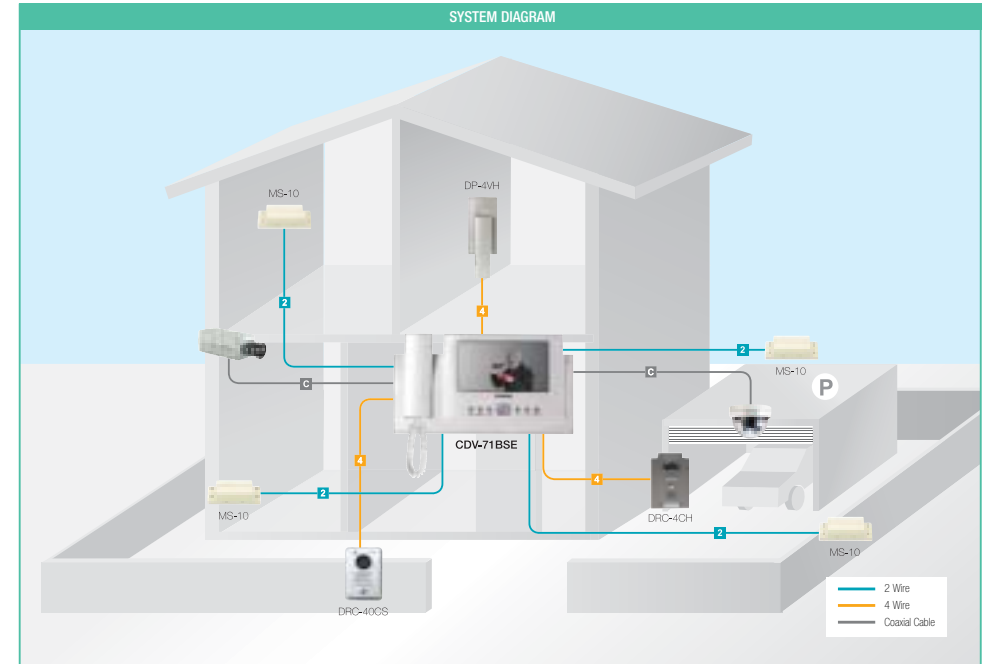
Functions

- Up to 4 cameras(Inter-choice CCTV camera or door camera unit)
- Available 1 audio type interphone(DP-4VH or DP-4VR)
- Reviewing the image of a visitor when being away
- Intercom function
- Monitoring & talk with a visitor
- Door lock release
- OSD interface

CONNECTING DIAGRAM



Recommended Products



Video Door Phone (Smart View Series)

CDV-71BSE

Security

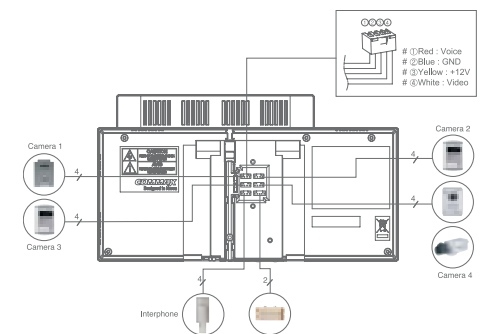
Specification

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 25W
- Display : 7 inch wide TFT LCD
- Mounting type : Wall surface mounted type
- Wiring : 1)Camera unit : 4 wires 2)Interphone : 4 wires
- Distance : 50m(φ0.65)
- Communication : Handset
- On-screen duration : 60 ± 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Image record : 128 cuts
- Dimension : 314 x 173 x 44(mm)

Functions

- 4 security zone by magnetic sensors(Recommended product : MS-10)
- Up to 4 cameras(Inter-choice CCTV camera or door camera unit)
- Available 1 audio type interphone(DP-4VH or DP-4VR)
- Reviewing the image of a visitor when being away
- Intercom function
- Monitoring & talk with a visitor
- Door lock release
- OSD interface

CONNECTING DIAGRAM



Connectable Product



Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



product
design
award

2008

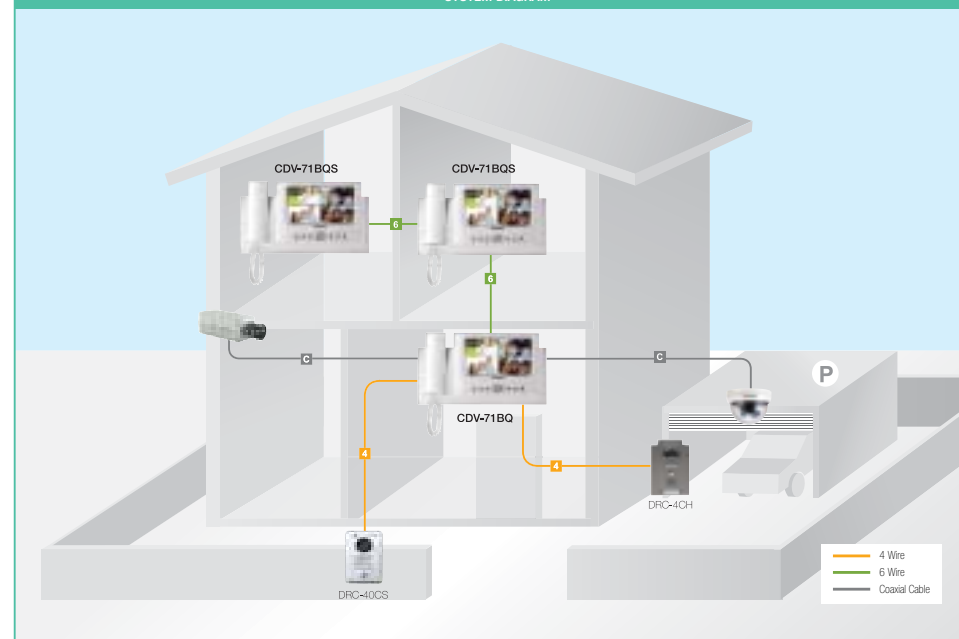
CDV-71BQ/71BQS (Slave)

Quad

"Smart view" series is one of COMMAX products that can satisfy various clients' needs, launched with unique concept as the first world's video door phone through COMMAX 40th technology know-how. Acquisition of 2008 "iF Design award" proves its design is to a world-class.



SYSTEM DIAGRAM



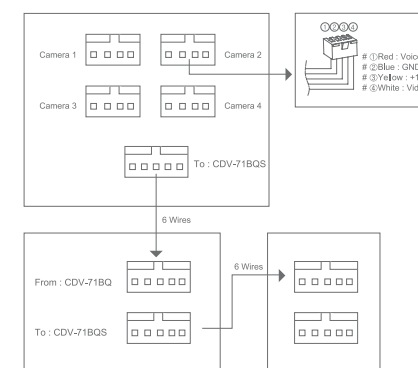
Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 17W
- Display : 7 inch wide TFT LCD
- Mounting type : Wall surface mounted type
- Wiring : 1) Camera unit : 4 wires
2) Monitor unit : 6 wires
- Distance : 50m(φ0.65)
- Communication : Handset
- On-screen duration : 60 ± 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Image record : NTSC : 68 cuts / PAL : 58 cuts
- Dimension : 314 x 173 x 44(mm)

Functions

- Quad type display monitor
- Up to 3 monitors per single house
(Master unit : CDV-71BQ / Sub unit CDV-71BQS)
- 68(58) cuts in quad of visitors' image can be recorded.
- Up to 4 cameras(Inter-choice CCTV camera or door camera)
- 7 inch TFT LCD is applied to see a visitor for high resolution quality.
- Intercom function
- Monitoring & talk with a visitor
- Door lock release
- OSD interface

CONNECTING DIAGRAM



Recommended Products

Door cameras



Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CDV-72BE

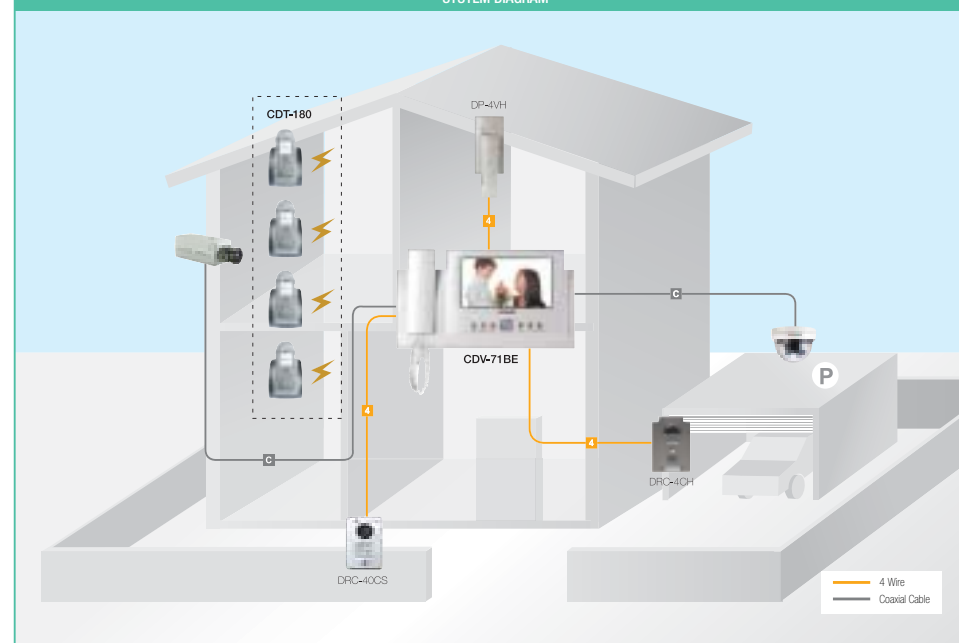
Free move

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Acquisition of 2008 "iF Design award" proves its design is to a world-class.



SYSTEM DIAGRAM



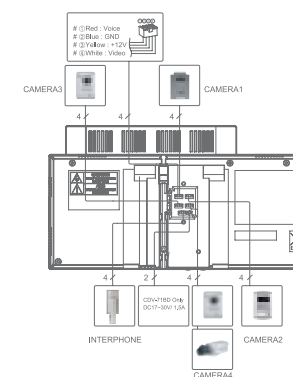
Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 17W
- Display : 7 inch wide TFT LCD
- Mounting type : Wall surface mounted type
- Wiring : 1)Camera unit : 4 wires
2)Interphone : 4 wires
- Distance : 50m(φ0.65)
- Communication : Handset
- On-screen duration : 60 ± 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Image record : 128 cuts
- Dimension : 314 x 173 x 44(mm)

Functions

- Up to 4 DECT phones per CDV-72BE
- Up to 4 cameras(Inter-choice : CCTV camera or door camera)
- Available 1 audio type interphone(DP-4VH or DP-4VR)
- Reviewing the image of a visitor when being away
- 7 inch TFT LCD is applied to see a visitor for high resolution quality.
- Intercom function
- Monitoring & talk with a visitor
- Door lock release
- OSD interface

CONNECTING DIAGRAM



Connectable Product

Interphone



Door cameras



Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



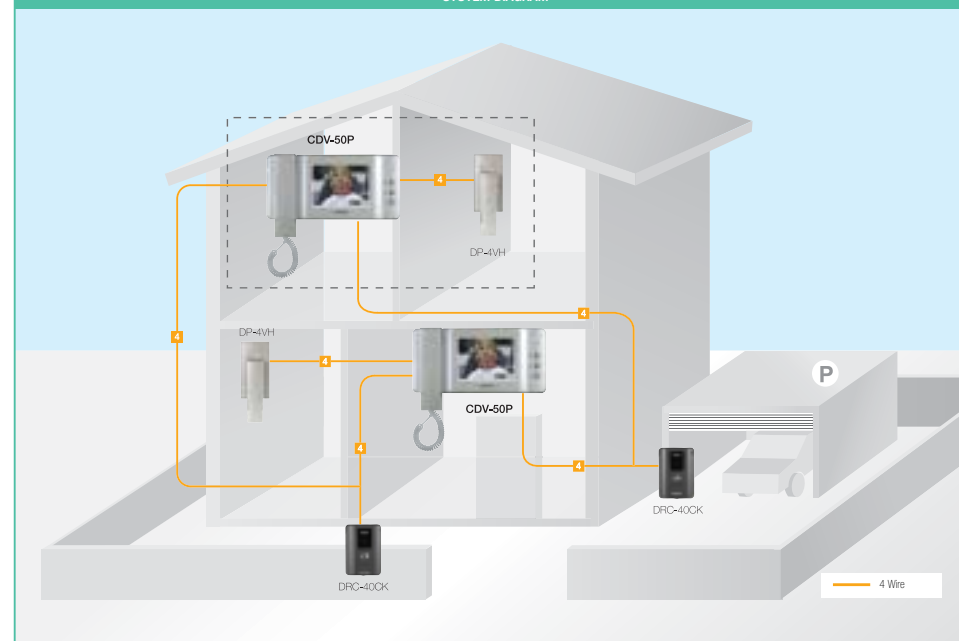
CDV-50P

40th Anniversary Special Edition

CDV-50P was developed and designed to offer excellent quality, features and benefits, elegant design and price, by means of usage of all advantages coming through of the manufacturing and R&D experiences, from COMMAX capabilities, that specialized in production of video communication equipment for over 40 years.



SYSTEM DIAGRAM



Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 16W
- Display : 5 inch TFT LCD
- Mounting type : Wall surface mounted type
- Wiring : 1)Camera unit : 4 wires
2)Interphone : 4 wires
- Distance : To camera unit : 50m (φ0.65) / To interphone : 20m (φ0.65)
- Communication : Handset
- On-screen duration : 60 ± 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Dimension : 259 x 126 x 43(mm)

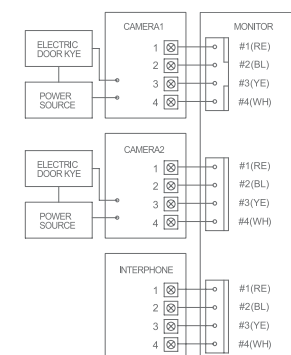
Features

- Connectable up to 2 monitors, 2 cameras and 2 interphones
- Interphone extension available DP-4VH or DP-4VR
- Designed to offer elegance feeling in any place, expressing design of COMMAX identity.

Functions

- Monitoring a entrance
- Talk with a visitor
- Intercom function(DP-4VH or DP-4VR)
- Door lock release

CONNECTING DIAGRAM



Recommended Products

• Door cameras



• Interphone



Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



COLOR VIDEO DOOR PHONE

CDV-50A/50AM (Memory)

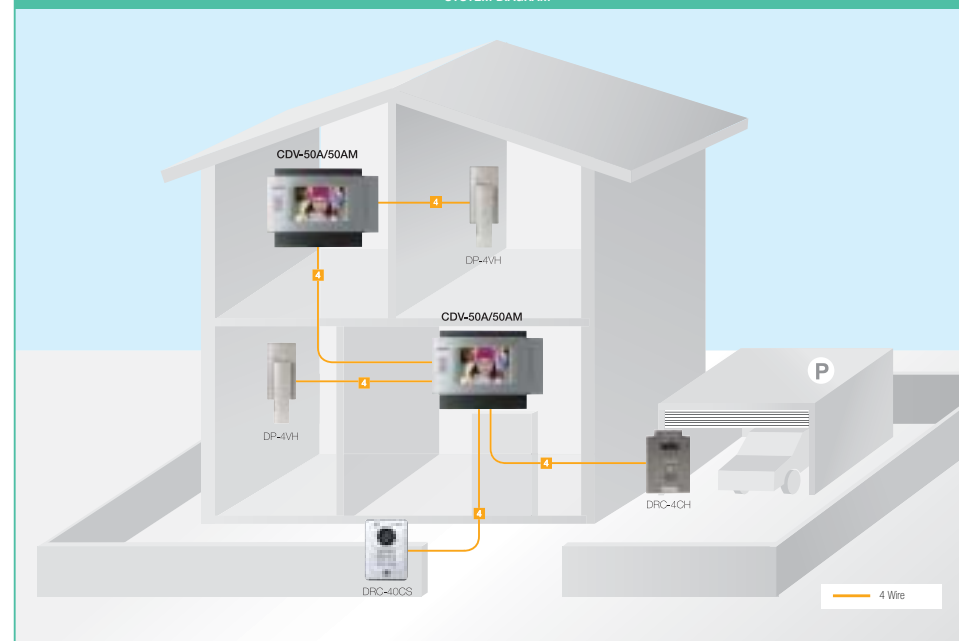
M.V.P (Most Valued Product)

Minimalism design with two color-tones makes it elegant looking and simply talk to visitors with Hands-free.

LED lamps are applied to around buttons so that user can see the status of operation.



SYSTEM DIAGRAM



Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / CDV-50A : 15W / CDV-50AM : 20W
- Display : 5 inch TFT LCD
- Mounting type : Wall surface mounted type
- Wiring : 1)Camera unit : 4 wires
2)Interphone : 4 wires
- Distance : To camera unit : 50m(ϕ 0.65) / To interphone : 20m(ϕ 0.65)
- Communication : Hands free
- On-screen duration : 60 \pm 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Image record : 128 cuts(CDV-50AM)
- Dimension : 245 x 175 x 45(mm)

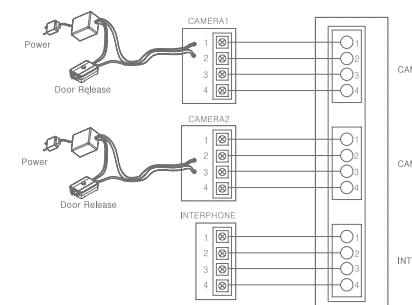
Features

- Connectable up to 2 monitors 2 cameras and 2 interphone.
- Interphone extension available DP-4VH or DP-4VR
- Reviewing the image of a visitor when being away(CDV-50AM)

Functions

- Built in image memory(CDV-50AM)
- Monitoring a entrance
- Talk with a visitor
- Intercom function(DP-4VH or DP-4VR)
- Door lock release

CONNECTING DIAGRAM



Recommended Products

• Door cameras



• Interphone



Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



"2 wires"

COLOR VIDEO DOOR PHONE

CDV-52A/52AS (Slave)

2 cameras + 2 monitors + 1 interphone

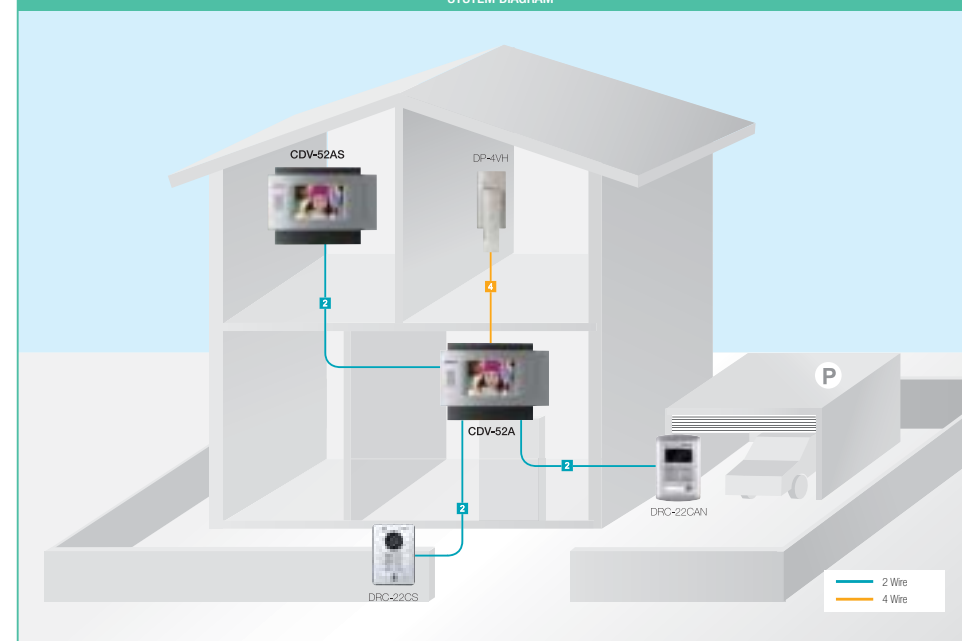
Save your time, enjoy your life with M.V.P.

An additional monitor and an interphone allow you to talk to a visitor with easy installation with 2 wires only.

Minimalism design with two color-tones makes it elegant looking and simply talk to a visitors with hands-free. LED lamps are applied to around buttons so that user can see the status of operation.



SYSTEM DIAGRAM



Specifications

- Power source : DC 17V, 15 W
- Display : 5 inch TFT LCD
- Mounting type : Wall surface mounted type
- Wiring : 1) Camera unit : 2 wires
2) Interphone : 4 wires
- Distance : To camera unit : 50m(φ0.65) / To interphone : 20m(φ0.65)
- Communication : Hands free
- On-screen duration : 60 ± 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Dimension : 245 x 175 x 45(mm)

Features

- Easy installation with 2 wiring method in non-polar.
- Connectable up to 2 Monitors 2 Cameras and 1 interphone.
- Additional monitor unit is compatible CDV-52AS.
- Interphone extension available DP-4VH or DP-4VR

Functions

- Monitoring a entrance
- Talk with a visitor
- Intercom function(DP-4VH or DP-4VR)
- Door lock release

Recommended Products

• Door cameras



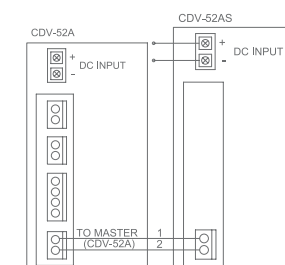
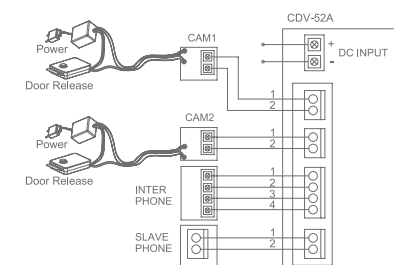
DRC-22CS DRC-22CAN

• Interphone



DP-4VH DP-4VR

CONNECTING DIAGRAM



Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



COLOR VIDEO DOOR PHONE

CAV-50T

Telephone video door phone

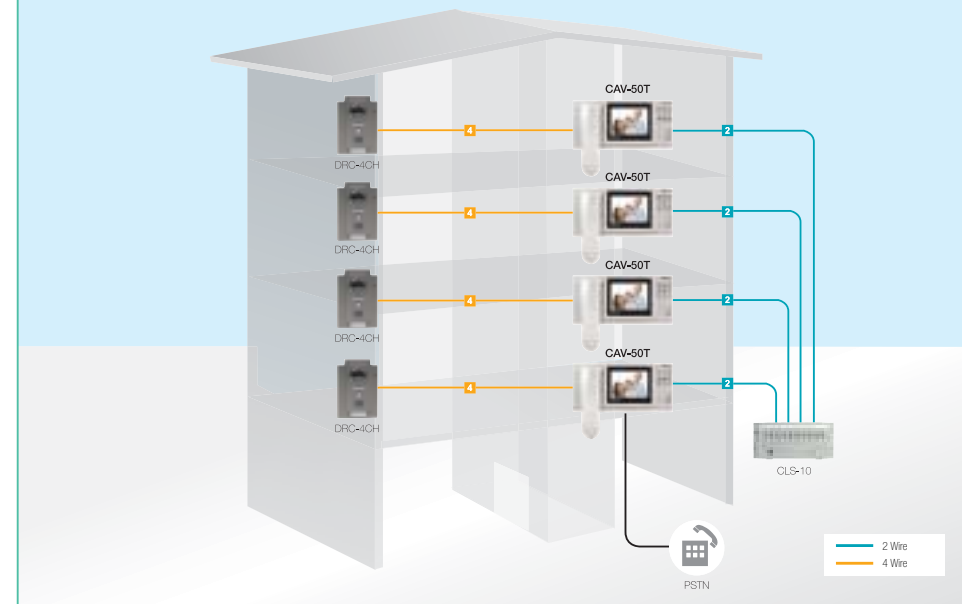
A wide type with separate surface and a unique handset mount create an original and Stylish look.

White pearl is used to emphasize its luxurious design, it is suitable for various interiors.

Making a call makes user convenient life



SYSTEM DIAGRAM



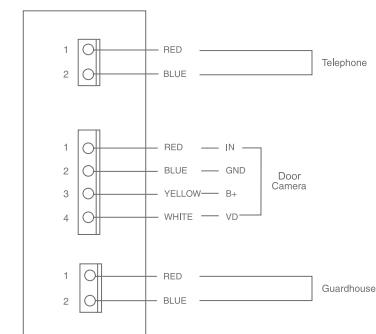
Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 15W
- Display : 5 inch TFT LCD
- Mounting type : Wall surface mounted type
- Wiring : 1)Camera unit : 4 wires
2)Guard unit (CLS-10) : 12 wires
- Distance : To camera unit : 50m(φ0.65)
- Communication : Handset
- On-screen duration : 60 ± 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Dimension : 285 x 140 x 46(mm)

Functions

- Telephone function
- Guard station talk(CLS-10 only)
- Monitoring a entrance
- Talk with a visitor
- Door lock release

CONNECTING DIAGRAM



Recommended Products

• Door cameras



Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



COLOR VIDEO DOOR PHONE

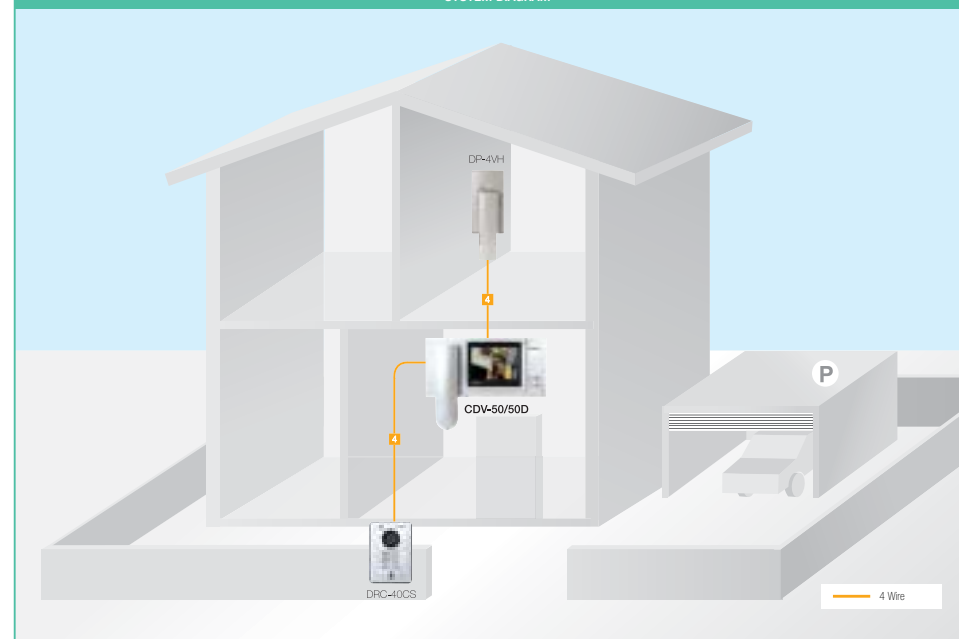
CDV-50/50D_(DC type)

SIMPLE MANIA

It offers you a convenient life as seeing visitors before opening the door. Simple style with powerful functions shall match your home in modern.



SYSTEM DIAGRAM



Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) /15W
- Display : 5 inch TFT LCD
- Mounting type : Wall surface mounted type
- Wiring : 1)Camera unit : 4 wires
2)Interphone : 4 wires
- Distance : To camera unit : 50m(φ0.65) / To interphone : 20m(φ0.65)
- Communication : Handset
- On-screen duration : 60 ± 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Dimension : 285 x 140 x 46(mm)

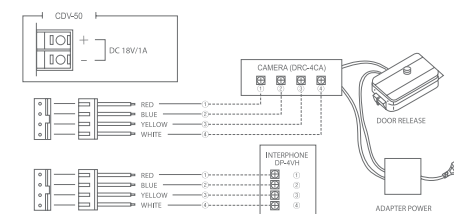
Features

- Optional installation by using AC or DC power supply product(CDV-50/50D)
- Interphone extension available DP-4VH or DP-4VR

Functions

- Monitoring an entrance
- Talk with a visitor
- Intercom function(DP-4VH or DP-4VR)
- Door lock release

CONNECTING DIAGRAM



Recommended Products

• Door cameras



• Interphone



Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



B/W VIDEO DOOR PHONE-NEAT

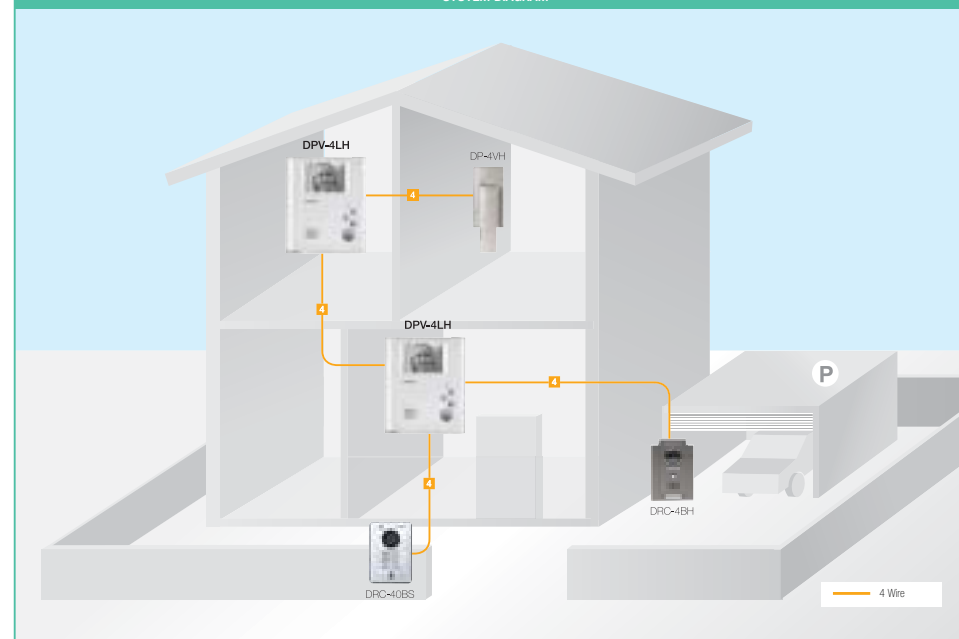
DPV-4LH

2Cameras+2Monitors+1 Interphone

With family look and neat design, it is suitable for various places. Geometric surface design with hands-free talk creates a simple and temperate style



SYSTEM DIAGRAM



Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) /16W
- Display : 4 inch flat CRT
- Mounting type : Wall surface mounted type
- Wiring : 1)Camera unit : 4 wires
2)Interphone : 4 wires
- Distance : To camera unit : 50m(φ0.65) / To interphone : 20m(φ0.65)
- Communication : Hands-free
- On-screen duration : 60±30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Dimension : 190 x 226 x 48(mm)

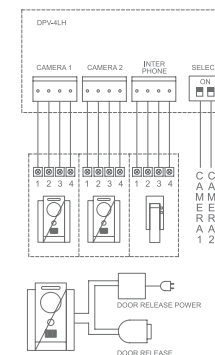
Features

- Suitable for home interior with the design concept of puzzle type.
- It offers high video quality by adopting high resolution 4 inch B/W flat CRT.
- Designed to use 2 cameras in larger house.
- Connectable up to 2 Monitors 2 Cameras and 1 interphone.
- Interphone extension available DP-4VH or DP-4VR

Functions

- Monitoring a entrance
- Talk with a visitor
- Intercom function(DP-4VH or DP-4VR)
- Door lock release

CONNECTING DIAGRAM



Recommended Products

• Door cameras



• Interphone



Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



"2 wires"

B/W VIDEO DOOR PHONE

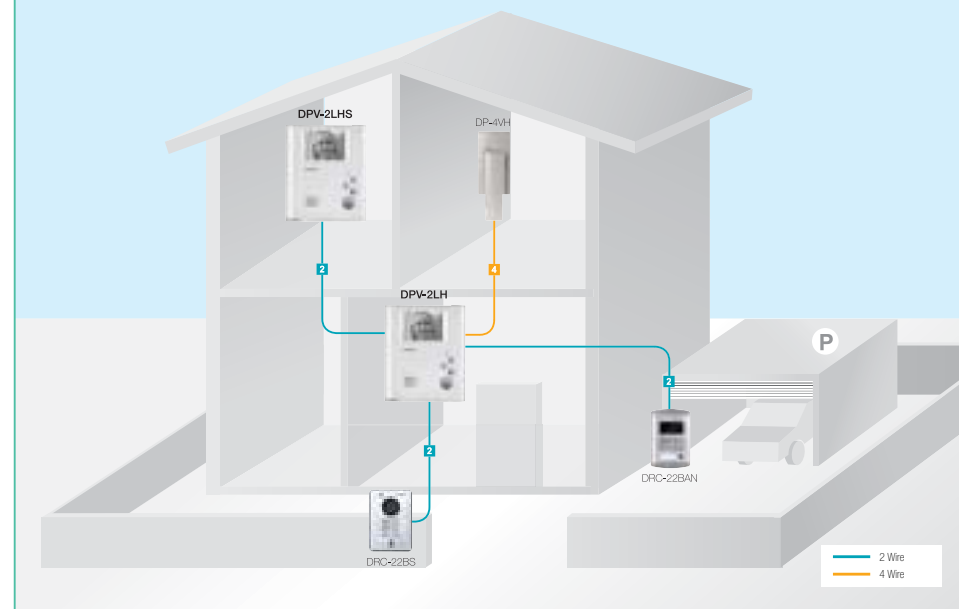
DPV-2LH/2LHS (Slave)

2Cameras+2Monitors+1 Interphone

Save your time, enjoy your life with Neat # (Sharp)
An additional monitor and an interphone allow you to talk to visitor with easy Installation with 2 wires only.
With family look and neat design, it is suitable for various places.
Geometric surface design with hands-free talk creates a simple and temperate style.



SYSTEM DIAGRAM



Specifications

- Power source : DC 17V, 15 W
- Display : 4 inch flat CRT
- Mounting type : Wall surface mounted type
- Wiring : 1)Camera unit : 2 wires
2)Interphone : 4 wires
- Distance : To camera unit : 50m(ϕ 0.65) / To interphone : 20m(ϕ 0.65)
- Communication : Hands free
- On-screen duration : 60 \pm 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Dimension : 190 x 226 x 48(mm)

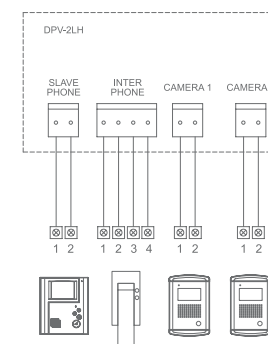
Features

- Easy installation with 2 wiring method in non-polar.
- Connectable up to 2 monitors 2 cameras and 1 interphone.
- Additional monitor unit is compatible DPV-2LHS
- Interphone extension available DP-4VH or DP-4VR

Functions

- Monitoring a entrance
- Talk with a visitor
- Intercom function(DP-4VH or DP-4VR)
- Door lock release

CONNECTING DIAGRAM



Recommended Products

• Door cameras



DRC-22BS



DRC-22BAN

• Interphone



DP-4VH



DP-4VR

Video Door Phone

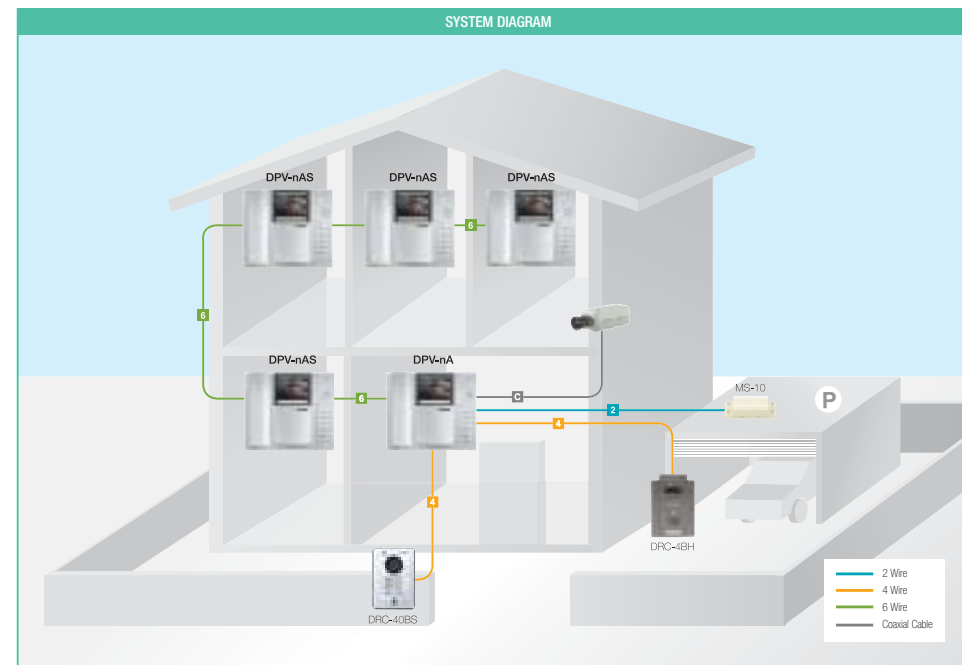
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



B/W VIDEO DOOR PHONE

DPV-nA/nAS (Slave) Classic Mania

Fashionable design matches to various interiors.
Monitoring up to 3 cameras and talking to visitors anywhere in a house
with up to 4 sub monitors keep your home in safety.
With 64 visitor's image record, you see who visit your home.



Specifications

- Power source : AC 100V-240V, 50/60Hz (Free voltage) / 19W
- Display : 4 inch flat CRT
- Mounting type : Wall surface mounted type
- Wiring : 1) Camera unit : 4 wires
2) Sub monitor : 6 wires
- Distance : To camera unit : 50m(φ0.65) / To sub monitor : 20m(φ0.65)
- Communication : Handset
- On-screen duration : 60 ± 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Image record : 128 cuts(COV-50AM)
- Dimension : 240 x 208 x 57 (mm)

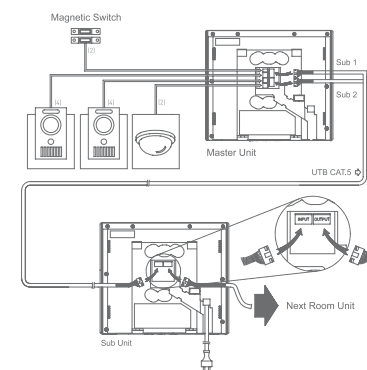
Features

- Connectable up to 5 monitors and 3 cameras
- Security zone by magnetic sensors (Recommended product : MS-10)
- Up to 3 cameras/Inter-choice : CCTV camera or door camera unit)
- Additional 4 video door phone are compatible DPV-nAS.
- Reviewing the image of a visitor when being away
- Easy control with OSD menu

Functions

- Built in image memory
- Security : Intruder alarm
- Monitoring a entrance
 - Talk with a visitor
 - Intercom function
- Door lock release
 - OSD interface

CONNECTING DIAGRAM



Recommended Products

• Door cameras



Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



B/W VIDEO DOOR PHONE

DPV-4PN

Best ever

Linear proportion and dynamic design make a fine view.
Strong and reliable design is applied.

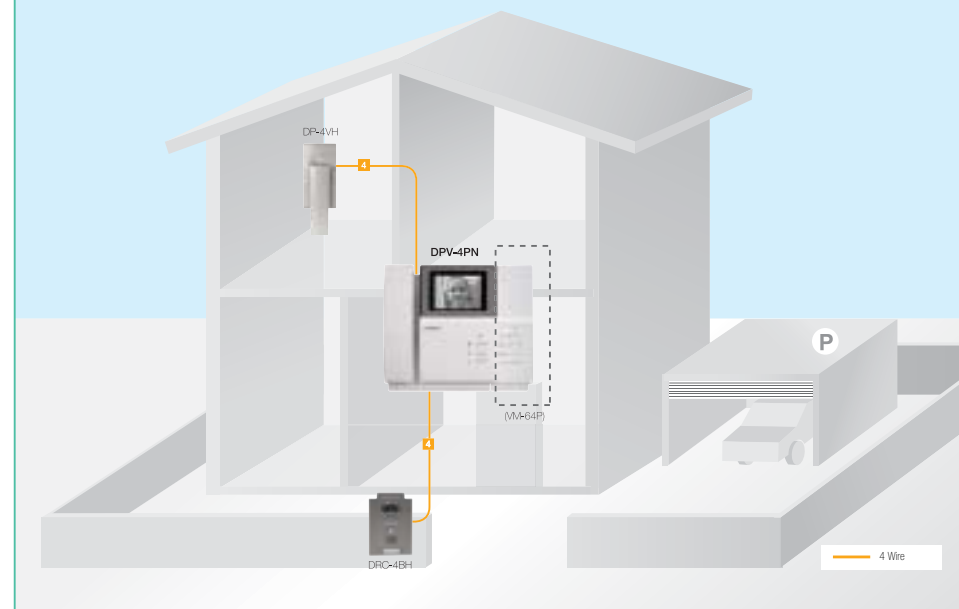
White creates a modern style.

With optional 64 visitor's image record, you see who visit your home.

World popular and best seller in 21st century.



SYSTEM DIAGRAM



Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 19W
- Display : 4 inch flat CRT
- Mounting type : Wall surface mounted type
- Wiring : 1)Camera unit : 4 wires
2)Interphone : 4 wires
3)Image memory : 7 wires
- Distance : To camera unit : 50m(φ0.65) / To interphone : 20m(φ0.65)
- Communication : Handset
- On-screen duration : 60 ± 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Image record : 64 cuts(Optional)
- Dimension : 196 x 220 x 58(mm)

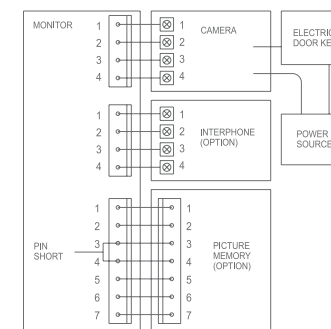
Features

- Reviewing the image of a visitor when being away (Optional/ Recommended products VM-64P)
- Interphone extension available DP-4VH or DP-4VR
- Easy installation by using 4 wiring method

Functions

- Monitoring a entrance
- Talk with a visitor
- Intercom function
- Door lock release

CONNECTING DIAGRAM



Recommended Products

• Door cameras



• Interphone



Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



B/W VIDEO DOOR PHONE

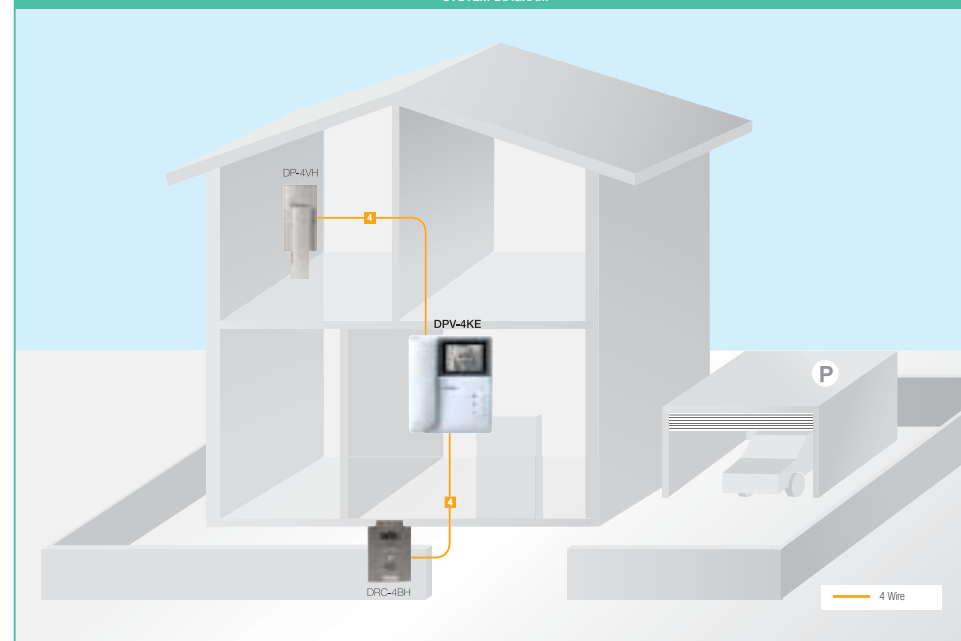
DPV-4KE

Best ever

Linear proportion and curve volume make a fine view.
Strong and reliable design is applied.
White creates a modern style.
World popular and best seller in 21st century.



SYSTEM DIAGRAM



Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 19W
- Display : 4 inch flat CRT
- Mounting type : Wall surface mounted type
- Wiring : 1) Camera unit : 4 wires
2) Interphone : 4 wires
- Distance : To camera unit 50m(ϕ 0.65) / To interphone 30m(ϕ 0.65)
- Communication : Handset
- On-screen duration : 60 \pm 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Dimension : 191 x 222 x 56(mm)

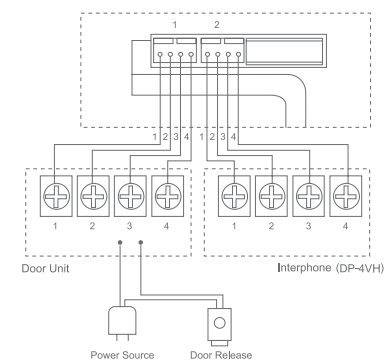
Features

- Interphone extension available DP-4VH or DP-4VR
- Easy installation by using 4 wiring method

Functions

- Monitoring a entrance
- Talk with a visitor
- Intercom function
- Door lock release

CONNECTING DIAGRAM



Recommended Products

• Door cameras



• Interphone



Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



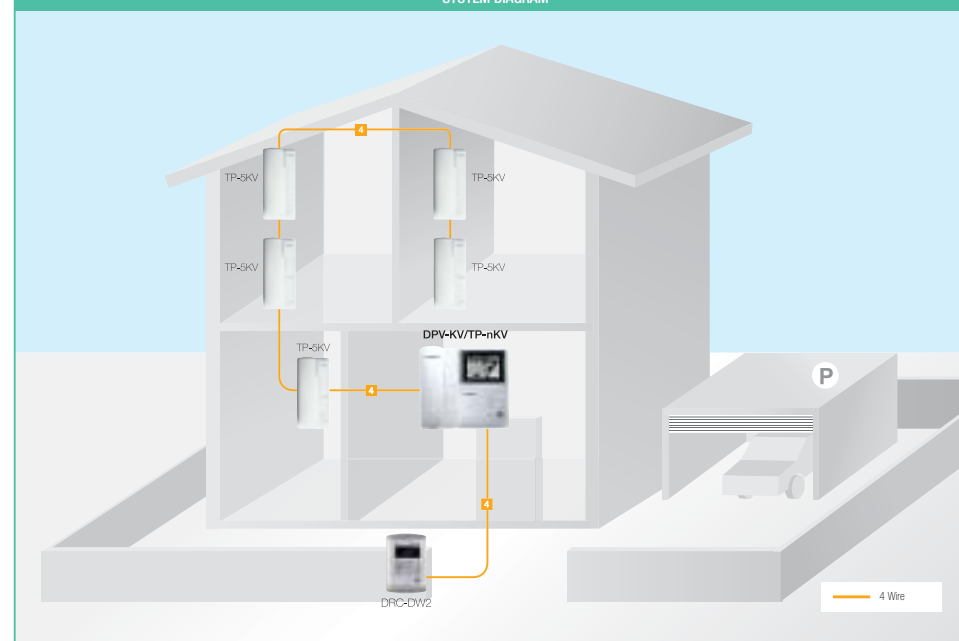
B/W VIDEO DOOR PHONE

DPV-KV TP-9KV/5KV COMBY

Combination of video & audio door phone.
In the house, office and hospital, COMBY provides you with remarkable convenience and safety.



SYSTEM DIAGRAM



Specifications

- Power source : 1)DPV-KV : DC17V
2)TP-nKV : DC 12V / 15W
- Display : 4 inch flat CRT
- Mounting type : Wall surface mounted type
- Wiring : 1)DPV-KV : 2 wires(Coaxial cable)
2)TP-nKV : 4 wires
- Distance : DPV-KV : 200m / TP-nKV : 500m
- Communication : Handset
- On-screen duration : 60 ± 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Dimensions : 1)DPV-KV : 139 x 215 x 55(mm)
2)TP-nKV : 98 x 215 x 38(mm)

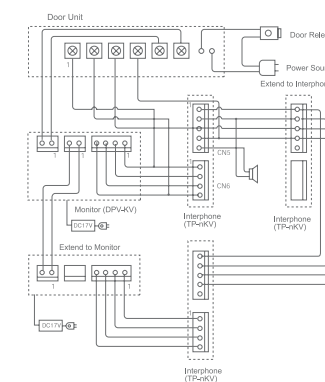
Features

- Multi-functional product combined video door phone with interphone function
- Additional up to 9(5) interphones are compatible, TP-9(5)KV

Functions

- Monitoring a entrance
- Talk with a visitor
- Intercom function
- Door lock release

CONNECTING DIAGRAM



Recommended Products

- Door cameras



DRC-DW2

Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



B/W VIDEO DOOR PHONE

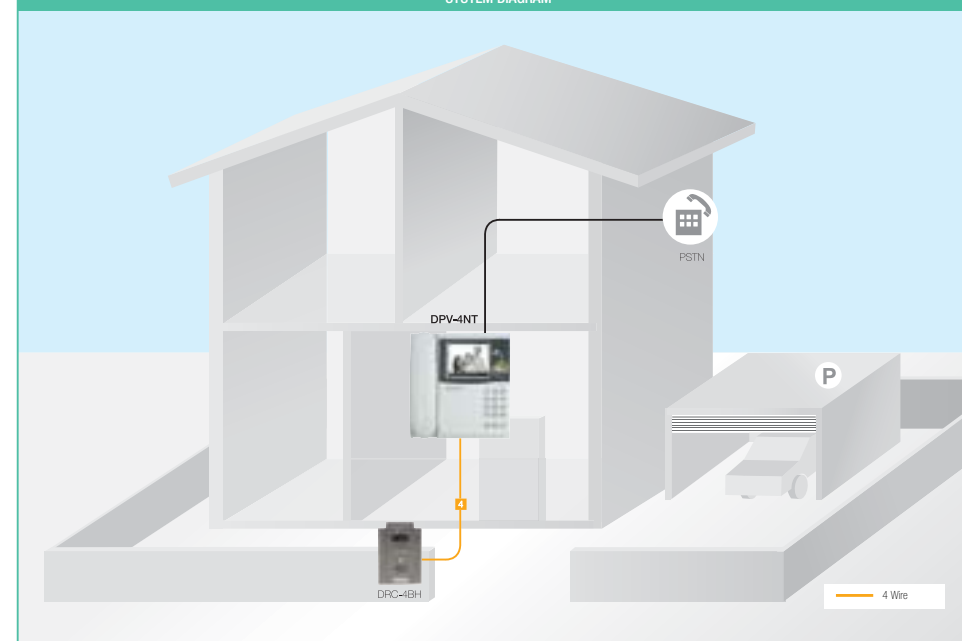
DPV-4NT

Video door phone built-in telephone function

DPV-4NT was developed and designed to offer excellent quality, features and benefits, elegant design and price, by means of usage of all advantages coming through of the manufacturing and R&D experiences, from COMMAX capacity, that specialized in production of video communication equipment for over 40 years.



SYSTEM DIAGRAM



Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 13W
- Display : 4 inch flat CRT
- Mounting type : Wall surface mounted type
- Wiring : 1)Camera unit : 4 wires
2)Telephone : 2 wires
- Distance : To camera unit : 50m(φ0.65)
- Communication : Handset
- On-screen duration : 60 ± 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Dimension : 213 x 220 x 58(mm)

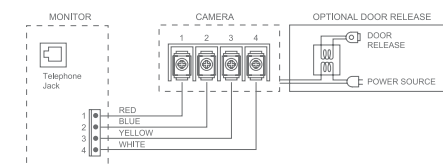
Features

- Easy usage with the built-in telephone function
- Designed and developed to be easily installed by direct 4 wiring method.

Functions

- Telephone function
- Monitoring a entrance
- Talk with a visitor
- Door lock release

CONNECTING DIAGRAM



Recommended Products

• Door cameras



Video Door Phone
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

P-Series



B/W VIDEO DOOR PHONE

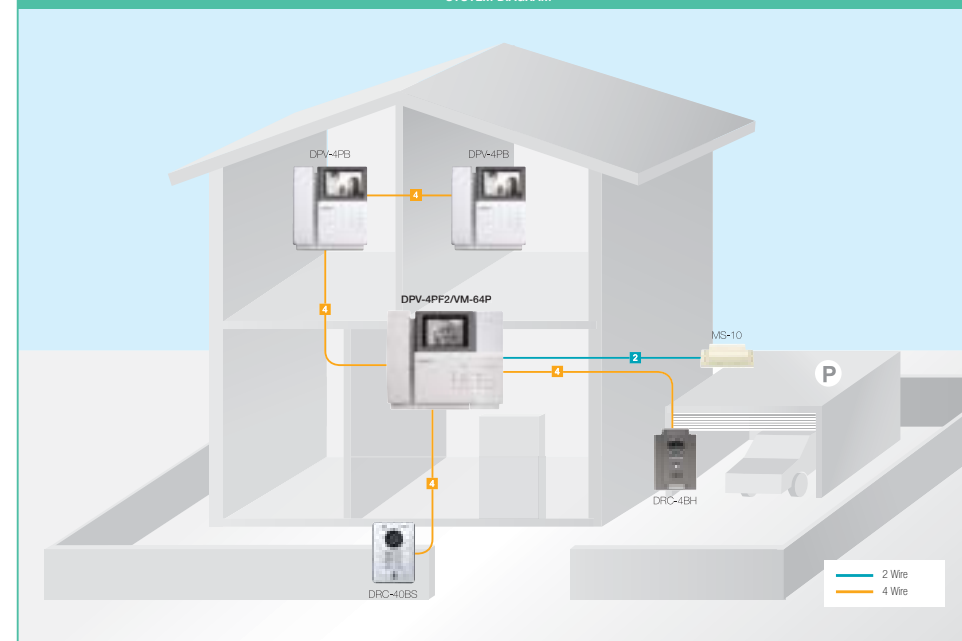
DPV-4P Series VM-64P

Designed by Multi-Feature

Providing high definition image, COMMAX P-series will give you a big satisfaction with easy installation and various types to choose.



SYSTEM DIAGRAM



Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 19W
- Display : 4 inch flat CRT
- Mounting type : Wall surface mounted type
- Wiring : 1)Camera unit : 4 wires
2)Interphone : 4 wires
3)Image memory : 7 wires
- Distance : To camera unit : 50m(φ0.65) / To interphone : 20m(φ0.65)
- Communication : Handset
- On-screen duration : 60 ± 30 sec
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Image record : 64 cuts (Optional)
- Dimension : 196 x 220 x 58(mm)

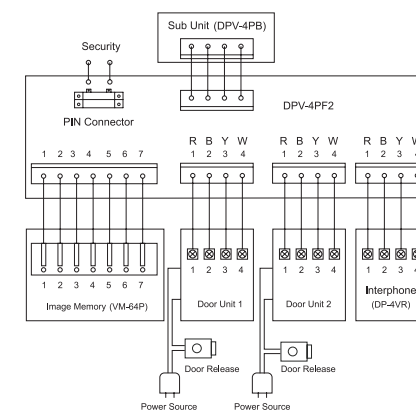
Features

- Various choice of video door phone in accordance with customer needs (Refer to model selection guide)
- Up to 2 cameras, 3 monitors and 1 interphone (DPV-4PF2)
- Reviewing the image of a visitor when being away (DPV-4PM2/4PF2, Recommended products VM-64P)
- Interphone extension available DP-4VH or DP-4VR

Model selection guide

Model	Camera1	Camera2	Camera4	Security	Memory	Additional AV	DC 17V
DPV-4PE2		○				○	DPV-4PE2D
DPV-4PS2		○		○		○	DPV-4PS2D
DPV-4PM2		○			○	○	DPV-4PM2D
DPV-4PF2		○		○	○		DPV-4PF2D
DPV-4PB1	○						DPV-4PB1D
DPV-4PB2		○					DPV-4PB2D
DPV-4PB4			○				X

CONNECTING DIAGRAM



Functions

- Monitoring a entrance
- Talk with a visitor
- Intercom function
- Door lock release



TV Phone

COMMAX kitchen TV phone consists of a basic receiver that receives TV signals, a monitor that displays video signals and a dial button that implements telephone functions.

It enables users not only to watch TV while cooking in the kitchen and but also to conveniently check visitors without going to the entrance by using such external units as a door camera and a door bell that are installed outside the entrance.

It is characterized by clear images, 270-degree revolution enabling users to watch TV at any angle and convenient receipt of phone calls and checking of visitors in connection with home automation.

And what is more, it is equipped with a convenient speaker phone enabling users to make a phone call in the kitchen, and the telephone number is indicated on LCD at a time of making a call.

TV Phone

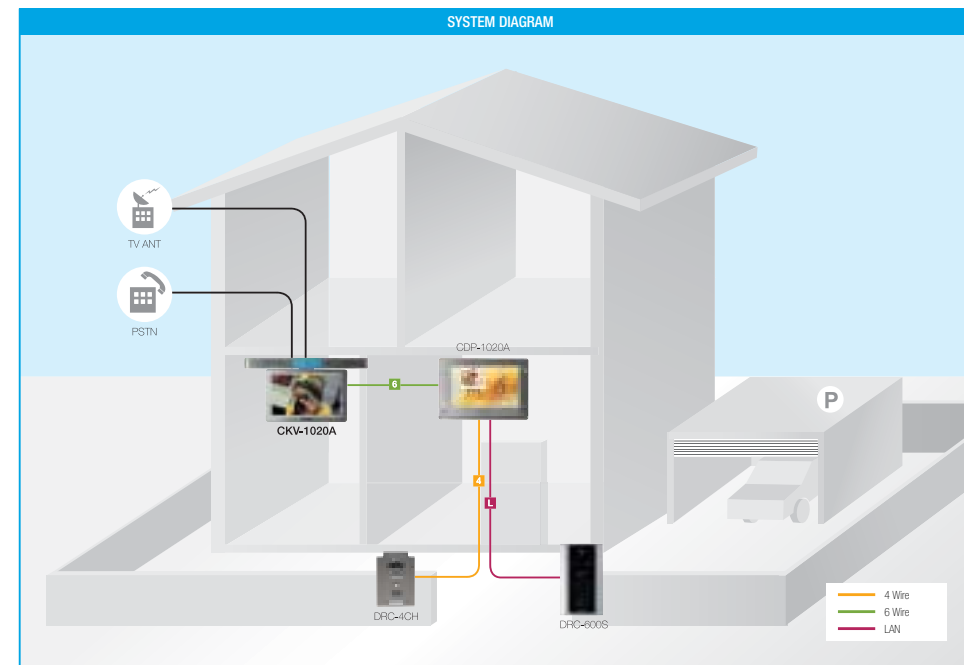
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CKV-1020A/700A

High elegant design with aluminum

Modern design of metal body with aluminum strengthens durability that keeps from scratch in use. It is characterized by clear images enabling users to watch TV at any angle and convenient receipt of phone calls and checking of visitors in connection with home automation.



Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 20W
- Display : 10.2 inch / 7 inch TFT LCD
- Wiring : Master unit : 6 wires
- Distance : To Master unit : 30m(ϕ 0.65)
- Communication : RS-485
- On-screen duration : 60 \pm 5 sec
- Audio out out : Max 1Wx2
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Dimension : 400 x 259 x 212 [70](mm)

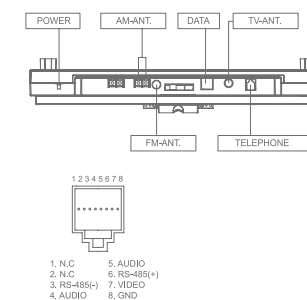
Features

- Connecting door camera makes user convenient to talk with a visitor and open the door.
- The LCD screen is adjustable up/down/left/right directions in high resolution to watch TV and check a visitor
- The LCD panel can get folded completely to the body, no spare it needs when TV off

Functions

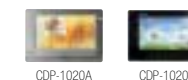
- Monitoring & Talk with a visitor
- Watching TV & Listening to radio : Watching TV at any direction, Listening to the stereo radio, auto channel selection
- Convenient function : Alarm setting, time display, messaging recording
- Telephone receiving
- Speech recognition(Optional)
- Digital Tunner(Optional)
- Door lock release

CONNECTING DIAGRAM

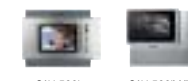


Recommended Products

- Home network : All wall pad



- Home automation



TV Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CKV-1020C/700C

Touch key pad

Minimalism design of black high glossy finished strengthens durability that keeps from scratch in use. It is characterized by clear images enabling users to watch TV at any angle and convenient receipt of phone calls and checking of visitors in connection with home automation.



SYSTEM DIAGRAM



Specifications

- Power source : AC 100V-240V, 50/60Hz(Free voltage) / 20W
- Display : 10.2 inch / 7 inch TFT LCD
- Wiring : Master unit : 6 wires
- Distance : To Master unit : 30m(ϕ 0.65)
- Communication : RS-485
- On-screen duration : 60 \pm 5 sec
- Audio out out : Max 1Wx2
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Dimension : 400 x 259 x 212 [70](mm)

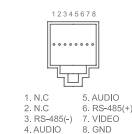
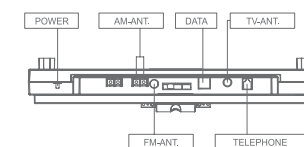
Features

- Touch key button type
- Connecting door camera makes user convenient to talk with a visitor and open the door.
- The LCD screen is adjustable up/down/left/right directions in high resolution to watch TV and check a visitor
- The LCD panel can get folded completely to the body, no spare it needs when TV off

Functions

- Monitoring & Talk with a visitor
- Watching TV & Listening to radio : Watching TV at any direction, Listening to the stereo radio, auto channel selection
- Convenient function : Alarm setting, time display, messaging recording
- Telephone receiving
- Digital Tunner(Optional)
- Speech recognition(Optional)
- Door lock release

CONNECTING DIAGRAM



Recommended Products

- Home network : All wall pad



- Home automation



Door Camera Unit

COMMAX door camera is an outdoor home automation product that enables you to check and communicate to visitors at home with a video door phone.

The door camera consists of a lens to collect visitor's images, a microphone to collect voices, a residence monitor, a speaker to output visitor's voices and a control unit to control the activities of the door camera.

The door camera is characterized by convenient wiring and installation for any environment, which makes it install easily.

Since it is an outdoor product, it is very resistant to discoloration and corrosion. With solid aluminum and stainless steel, it is hardly damaged due to external factors.

In addition, since it is a wide-angle camera lens that can be adjusted up/down and right/left, it can be adjusted to the height of a small child, and it is possible to check a visitor at night with a white lamp.



Door Camera Unit

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

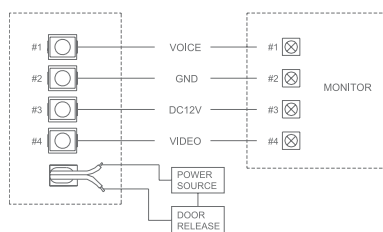
Door camera

DRC-40CI

Solid product, made of metal

We have strengthened solidity of DRC-40CI, by using aluminum material, and slim design offer luxury interior impression in any place, where this product can be installed. Also, we offer large number of choices for our customers, by adopting a various colors for this outdoor elegant camera.

CONNECTING DIAGRAM



Specifications

- Image sensor : 1/3 inch CCD
- Mounting type : Flush mounted type
- Wiring : 4 wires
- Min. Illumination : 0 Lux(In front of 300mm)
- Angle of view : 75° x 55°(Horizontal x Vertical)
- Adjustment range : Left-right ±15° / Up-down ±15°
- Dimension : 92 x 172 x 16 [48](mm)

Functions

- Manual camera angle adjustment
- Night automatic illumination (White LED / Built-in camera)

Recommended Products

DRC-40CI is compatible with the whole line-up of color COMMAX monitors.



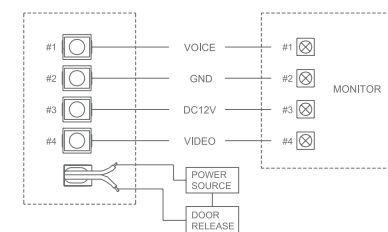
Door camera

DRC-40CK

Strengthened by using die casting material

We have strengthened durability of DRC-40CK, by using die casting material, and innovative, slim design offer luxury interior impression in any place, where this product can be installed. Also, we offer large number of choices for our customers, by adopting a various colors for this outdoor elegant camera.

CONNECTING DIAGRAM



Specifications

- Image sensor : 1/3 inch CCD
- Mounting type : Wall surface mounted type
- Wiring : 4 wires
- Min. Illumination : 0.1 Lux(In front of 300mm)
- Angle of view : 75° x 55°(Horizontal x Vertical)
- Adjustment range : Upper side 13°
- Dimension : 100 x 142 x 32(mm)

Functions

- Night automatic illumination (White LED / Built-in camera)

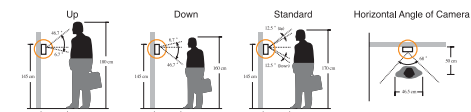
Recommended Products






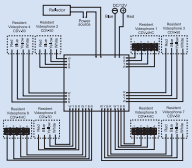
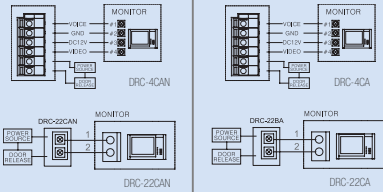
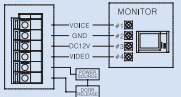
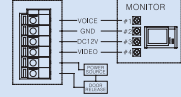
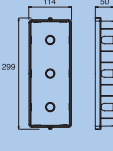
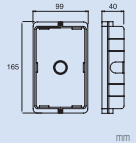
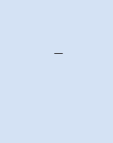
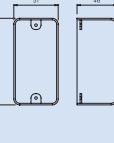
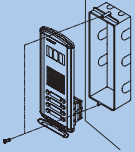
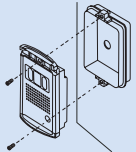
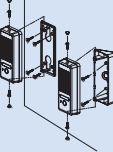
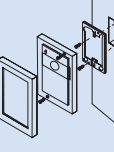


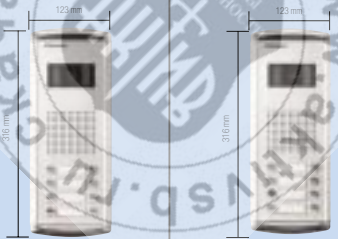


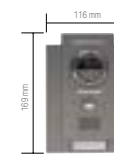


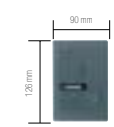
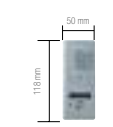

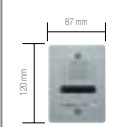
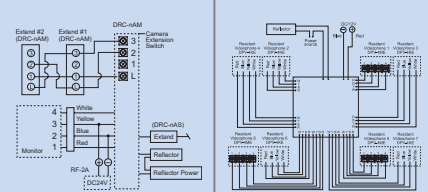
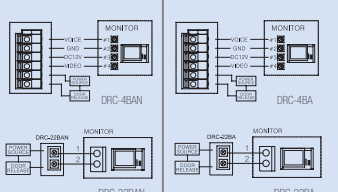
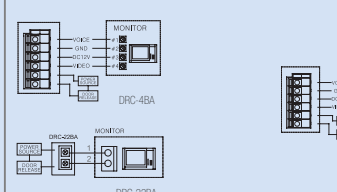
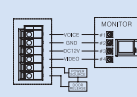
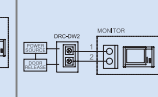
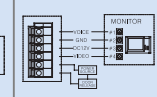
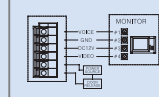
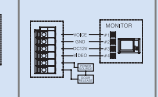
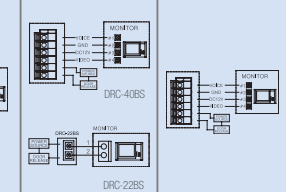
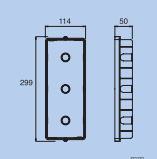
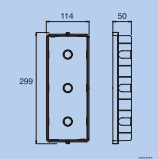
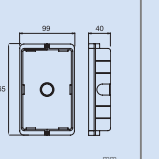
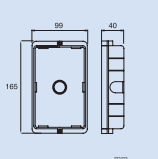
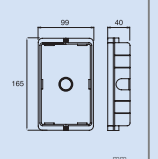
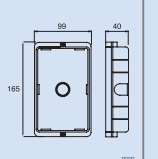
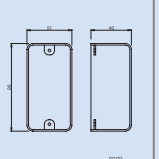

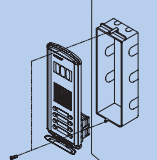
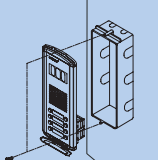
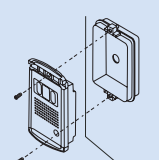
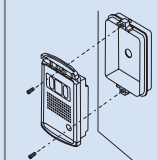
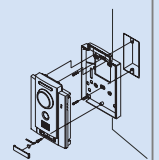
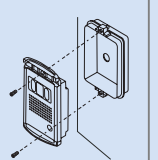
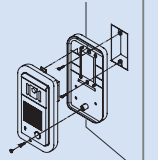
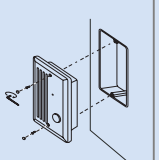
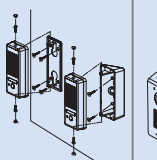
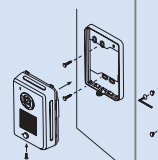
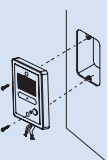
CDV-50P

Door Camera Unit

COMMAX door camera provides you with the best convenience for any place.



Color (Multiple)		Color (Single)							
									
DRC - nAC		DRC-4CAN DRC-22CAN		DRC-4CA DRC-22CA		DRC - 4CP		DRC-4CH	
Color CCD		Image Sensor		Color CCD		Color CCD		Color CCD	
All		Applicable System		DRC-4CAN : All DRC-22CAN : CDV-52A/52AS		All		All	
Individual 4 wires		Wiring		DRC-4CAN : 4 wires DRC-22CAN : 2 wires		4 wires		4 - wires	
0 Lux (300mm from Camera)		Min. Illumination		0 Lux (300mm from Camera)		0.1 Lux (300mm from Camera)		0 Lux (300mm from Camera)	
-10°C~ +50°C		Operating temperature		-10°C~ +50°C		-10°C~ +50°C		-10°C~ +50°C	
50m(Ø0.65)		Wiring distance		50m(Ø0.65)		50m(Ø0.65)		50m(Ø0.65)	
		Connecting Diagram							
		Flush Box Dimension							
		Installation							

B/W (Multiple)		B/W (Single)									
											
DRC-nAM	DRC-nAB		DRC-4BAN DRC-22BAN	DRC-4BA DRC-22BA	DRC-4BH	DRC-DW2	DRC-403DF	DRC-40P	DRC-4BP	DRC-40BS DRC-22BS	DRC-4BG
B/W CCD 1/3"	B/W CCD 1/3"	Image Sensor	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"
APV-4CME/2 4CMD/2 APV-4KM/S 4KDM/S	All	Applicable System	DRC-4BAN : All DRC-22BAN : DPV-2LH/2LHS	DRC-4BA : All DRC-22BA : DPV-2LH/2LHS	All	DPV-KV TP-nKV	All	All	All	DRC-40BS : All DRC-22BS : DPV-2LH/2LHS	All
Common 4 wires	4 wires	Wiring	DRC-4BAN : 4 wires DRC-22BAN : 2 wires	DRC-4BA : 4 wires DRC-22BA : 2 wires	4 wires	4 wires	4 wires	4 wires	4 wires	DRC-40BS : 4 wires DRC-22BS : 2 wires	4 wires
0 Lux (300mm from Camera)	0 Lux (300mm from Camera)	Min. Illumination	0 Lux (300mm from Camera)	0 Lux (300mm from Camera)	0 Lux (300mm from Camera)	0 Lux (300mm from Camera)	0 Lux (300mm from Camera)	0 Lux (300mm from Camera)	0.1 Lux (300mm from Camera)	0.1 Lux (300mm from Camera)	0 Lux (300mm from Camera)
-10°C ~ +50°C	-10°C ~ +50°C	Operating temperature	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C
50m(ø0.65)	50m(ø0.65)	Wiring distance	50m(ø0.65)	50m(ø0.65)	50m(ø0.65)	50m(ø0.65)	50m(ø0.65)	50m(ø0.65)	50m(ø0.65)	50m(ø0.65)	50m(ø0.65)
		Connecting Diagram									
		Flush Box Dimension									
		Installation									



Door phone

COMMAX door phone is an interactive communication device that controls and manages visitors more conveniently and safely through communications between a visitor and a resident with a call button installed outside the door. It is often used in condominium, house and office, and even any technician can use it easily due to easy installation and wiring.

The door phone consists of a speaker and a microphone for voice communications between a visitor at the door and an indoor station and guarantees the best quality communications with a digital circuit.

The COMMAX door phone is characterized by excellent channel expandability between master phone and sub station. For safety and convenience, communications to a security guard from inside the house and to visitors at the entrance.

Easy communications use in various places including offices, homes, factories and hospitals.

Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

DP-20H/20HR

SLIM & COLOR

Adopted ultra slim design(37mm) concept over the world
Supporting two door units(DP-20HR)
Perfect harmony with any interior color
(White/Silver/Gold/Wine/Pearl color)
Easy installation through non-polarity type.



Specifications

- Power source : AC 100/220/230V, 50/60Hz / 4.5W
- Wiring : 2 wires
- Distance : 100m(φ0.65) / 150m(φ0.8)
- Temperature : 0°C ~ +50°C (32°F ~ 122°F)
- Dimension : 94 x 185 x 40(mm)

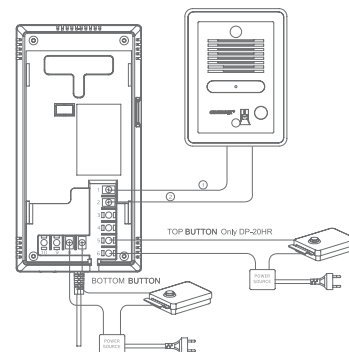
Features

- Supporting up to 2 audio door phones
- Easy installation through non-polarity type
- Ergonomically designed hand set

Functions

- Door lock release
- Talk with a visitor
- 2 door release(DP-20HR)

CONNECTING DIAGRAM



Recommended Products

- Door unit



DP-2K/2KN

Easy & variant installation at any places by adopting 1.5V battery or DC 6V
Applicable to hospitals, guard station, office environments



Specifications

- Power source : 1)DP-2K : AC 100/220/230V, 50/60Hz / 4.5W
2)DP-2KN : DC 12V
- Wiring : 2 wires
- Distance : 100m(φ0.65) / 150m(φ0.8)
- Temperature : 0°C ~ +50°C (32°C ~ 122°C)
- Dimension : 98 x 215 x 38(mm)

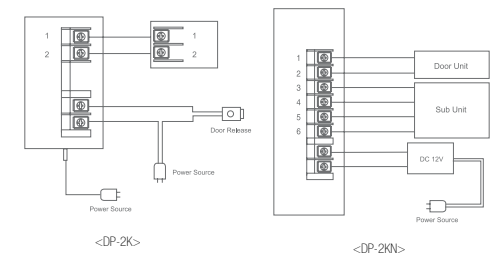
Features

- Supporting up to 2 audio door phones
- Easy installation through non-polarity type
- Flexible installation at wall mounted or table mounted type

Functions

- Door lock release
- Talk with a visitor
- Intercom function(DP-2KN)

CONNECTING DIAGRAM



Recommended Products

- DP-2K



- DP-2KN



Door Phone

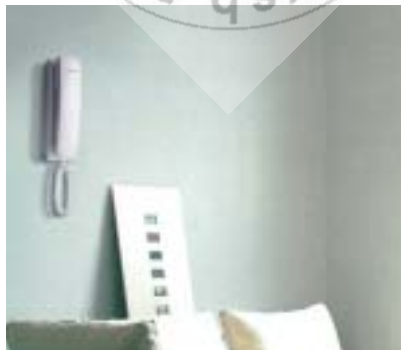
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

DP-KSS

System door phone

Multiple audio door phone compatible with DR-nKM/DR-nAM

Cost saving solution by easy and simple wiring connection
Flexible installation at wall mount or table mount type



Specifications

- Power source : DC 12V, 50/60Hz / 300mA(Max)
- Wiring : 4 wires
- Distance : 100m(ϕ 0.65)
- Temperature : 0°C ~ +50°C (32°F ~ 122°F)
- Dimension : 72 x 215 x 38(mm)

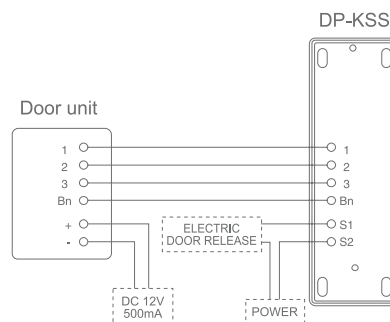
Features

- Supporting additional panels(DR-nKM/nAM)
- Easy installation through common line
- Stable power supply by adopting DC power

Functions

- Door lock release
- Talk with a visitor

CONNECTING DIAGRAM



Recommended Products



DP-MR

System door phone

Multiple audio door phone compatible with DR-nKM/DR-nAM

Cost saving solution by easy and simple wiring connection
Flexible installation at wall mount or table mount type



Specifications

- Power source : DC 12V, 50/60Hz / 300mA(Max)
- Wiring : 4 wires
- Distance : 100m(ϕ 0.65)
- Temperature : 0°C ~ +50°C (32°F ~ 122°F)
- Dimension : 92 x 230 x 46(mm)

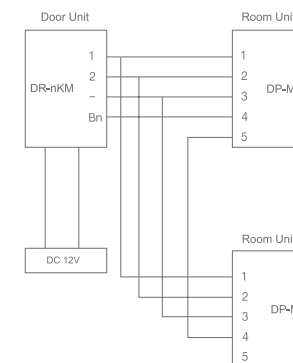
Features

- Supporting additional panels(DR-nKM/nAM)
- Easy installation through common line
- Stable power supply by adopting DC power

Functions

- Door lock release
- Talk with a visitor

CONNECTING DIAGRAM


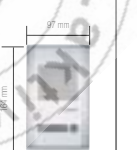
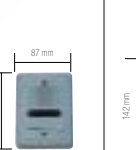


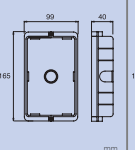
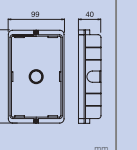
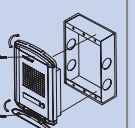
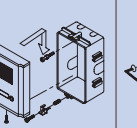
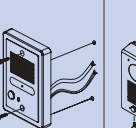
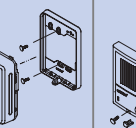
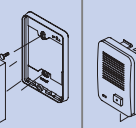
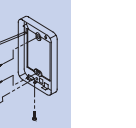


Recommended Products

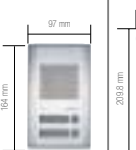


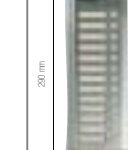



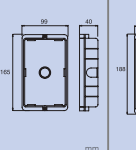
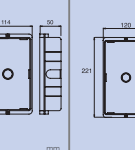
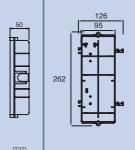
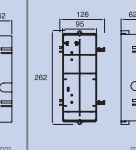
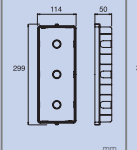


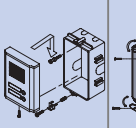
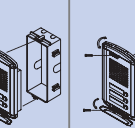
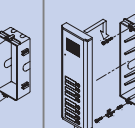
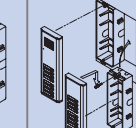
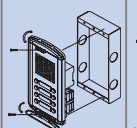
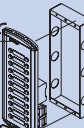



Door Unit
COMMAX Door station compatible with various systems provides you with better efficiency to the system and guarantees more secure and comfortable life.

Door Unit (Single)

						
	DR-2AN DR-2A	DR-201A DR-201AS	DR-2G DR-2GR	DR-20S	DR-2K DR-4K DR-2KS	DR-201D DR-201DS DR-4D
Function	Call Room Unit	Call Room Unit	Call Room Unit	Call Room Unit	Call Room Unit	Call Room Unit
Connectable Products	DR - 2AN : DP-201R, DP-201RA, DP-RA01, DP-2K DP-20H/20HR	DR - 201A : DP-201R, DP-201RA, DP-RA01, DP-2K DP-20H/20HR DR - 201AS : DP-201RN, DP-2KN	DR - 2G : DP-201R, DP-201RA, DP-RA01, DP-2K DP-20H/20HR DR - 2GR : DP-201RN, DP-2KN	DR - 20S : DP-201R, DP-201RA, DP-RA01, DP-2K DP-20H/20HR	DR - 2K : DP-201R, DP-201RA, DP-RA01, DP-2K DP-20H/20HR DR - 4K : DP-KD DR - 2KS : DP-201RN, DP-2KN	DR - 201D : DP-201R, DP-201RA, DP-RA01, DP-2K DP-20H/20HR DR - 201DS : DP-201RN, DP-2KN DR - 4D : DP-KD
Wiring	2 wires	DR-201A/ 2 wires DR-201AS/ 2 wires	DR-2G/ 2 wires DR-2GR/ 2 wires	2 wires	DR-2K/ 2 wires DR-4K/ 4 wires DR-2KS/ 2 wires	DR-201D/ 2 wires DR-201DS/ 2 wires DR-4D/ 4 wires
Power source	—	—	—	—	—	—
Material	Al-Extrusion Panel / Flush Mount Type	Al-Extrusion Panel / Flush Mount Type	Al-Diecasting Panel / Surface Mount Type	Al-Extrusion Panel / Surface Mount Type	Plastic / Surface Mount Type	Plastic / Surface Mount Type
Flush box Dimension			—	—	—	—
Installation						

Door Unit (Multiple)

							
	DR-201AG	DR-2A2N	DR-2A3N	DR-nKM Master Unit	DR-nKL DR-nKS Extension Unit	DR-nAM Master Unit	DR-nAS DR-nASS Extension Unit
Function	Call Room Unit/ for 2 Room Units	Call Room Unit/ for 2 Room Units	Call Room Unit/ for 3 Room Units	Call Room Unit/ for 2,4,6,8 Room Units	Extension Button/ 16, 24 Buttons/	Call Room Unit/ for 2,4,6,8 Room Units	Extension Button/ 16, 24 Buttons/
Connectable Products	DP-201R, DP-201RA, DP-RA01, DP-2K DP-20H/20HR	DP-201R, DP-201RA, DP-RA01, DP-2K, DP-20H/20HR	DP-201R, DP-201RA, DP-RA01, DP-2K, DP-20H/20HR	DP-KSS, DP-MR	DR - nKM	DP-KSS, DP-MR	DP-KSS, DP-MR
Wiring	3 wires (1 Common + n)	3 wires (1 Common + n)	4 wires (1 Common + n)	Common 3 wires, Individual 1 Wire Per Unit	Connectable to Master Unit	Common 3 wires, Individual 1 Wire Per Unit	Connectable to Master Unit
Power source	—	—	—	DC 12V	—	DC 12V	—
Material	Al-Extrusion Panel / Flush Mount Type	Al-Extrusion Panel / Flush Mount Type	Al-Extrusion Panel / Flush Mount Type	Al-Extrusion Panel / Flush Mount Type	Al-Extrusion Panel / Flush Mount Type	Al-Extrusion Panel / Flush Mount Type	Al-Extrusion Panel / Flush Mount Type
Flush box Dimension							
Installation							



Interphone & Intercom

COMMAX interphone controls and manages people coming in and out more conveniently by opening the entrance door after monitoring and talking to visitors.

Intercom, an interactive communication device that is often used in offices, homes and security companies, that is useful in separate calls and group calls increases efficiency whether it is wired or not.

Door phone consists of a speaker and a microphone for voice communications between a visitor at the entrance and an indoor station and guarantees the best quality in communications with a digital circuit.

COMMAX door phone is characterized by simple installation and wiring for various environments and convenient use in various places including offices, homes, factories and hospitals based on excellent channel expandability between master phones and between a master phone and a sub station.



Interphone & Intercom
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

TP-12AM

Applicable to hospitals, guard station, office environments
Assuring the best audio quality at any places



Specifications

- Power source : DC24V, 500mA
- Mounting type : Wall surface mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Wiring : Individual 2 wires
- Distance : 1Km(ϕ 0.65)
- Dimension : 114 x 220 x 33(mm)

Functions

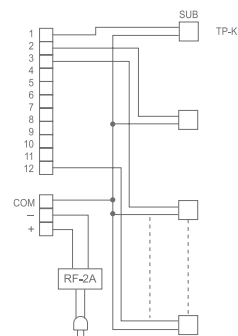
- Supporting up to 12 pcs of TP-K (Sub-unit)
- Covering total system just through one power installation (RF-2AS or RF-2A)
- Convenient caller identification by adopting red led
- Calling to each station
- LED indication

Recommended Products



TP-K RF-2AS(SMPS) RF-2A(TRANS)

CONNECTING DIAGRAM



TP-1K

Easy & variant installation at any places by adopting 1.5V battery or DC 6V
Applicable to hospitals, guard station, office environments



Specifications

- Power source : DC6V, 300mA
- Mounting type : Wall surface mounted type
- Temperature : 0°C ~ +40°C(32°F ~ 104°F)
- Wiring : 2 wires
- Distance : 100m(ϕ 0.65)
- Dimension : 98 x 215 x 38(mm)

Functions

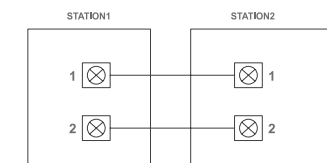
- 1:1 intercommunication (Mutual call)
- Flexible & Variable installation by adopting 1.5 battery
- Applicable to Hospitals, Guard station, office environments
- Calling

Recommended Products



TP-1K

CONNECTING DIAGRAM



Interphone & Intercom
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

TP-nAC

Applicable to hospitals, guard station, office environments
Assuring the best audio quality at any places
Connectable to door unit



Specifications

- Power source : DC12V, 250mA
- Mounting type : Wall surface mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Wiring : Bus type with 4 wires
- Distance : 100m(φ0.65)
- Dimension : 114 x 216 x 33(mm)

Functions

- Variable system composition (6 or 12 household)
- ID setting by DIP Switch
- Effective calling to all units by Paging function
- Easy identification of which sub-unit is in use by LED indication
- Possible to use door phone by enabling DR-DW2N connection
- Door lock release
- Calling & paging

Recommended Products



DR-DW2N

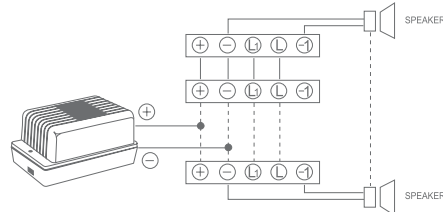


RF-1AS



RF-1A

CONNECTING DIAGRAM



TP-nKP

Applicable to hospitals, guard station, office environments
Assuring the best audio quality at any places



Specifications

- Power source : DC12V, 250mA
- Mounting type : Wall surface mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Wiring : Bus type with 4 wires + n(number of unit)
- Distance : 100m(0.65φ)
- Dimension : 98 x 215 x 38(mm)

Functions

- Variable system composition (6 or 10 household)
- Effective calling to all units by Paging function
- Easy identification of which sub-unit is in use by LED indication
- Calling & paging

Recommended Products

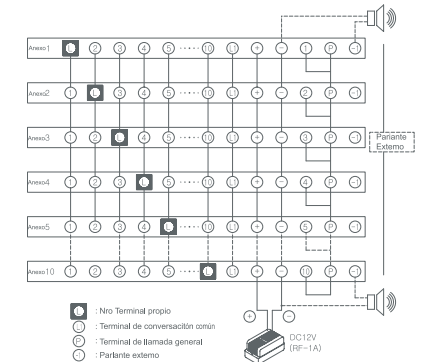


RF-1AS



RF-1A

CONNECTING DIAGRAM



Interphone & Intercom
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

TP-90AN

Applicable to big scale of hospitals, guard station, office environments
Assuring the best audio quality at any places.



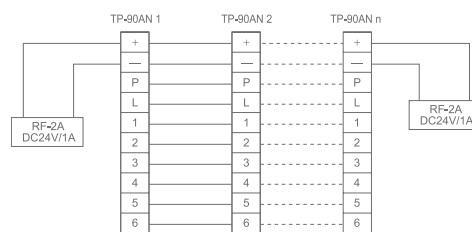
Specifications

- Power source : DC24V, 120mA
- Mounting type : Wall surface mounted type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Wiring : Bus type with 10 wires
- Distance : 100m(φ0.65)
- Dimension : 114 x 216 x 33(mm)

Functions

- Calling
- Exchanging
- PAGING
- Speaker phone
- 3 Channel simultaneous communication
- Group call/ broadcasting
- Caller ID display on FND display
- Privacy function
- Expandable up to 90 pcs

CONNECTING DIAGRAM



Recommended Products



RF-2AS



RF-2A



Interphone & Intercom
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



WI-3SN

Wireless Intercom

WI-2B/3SN/4C

Power line communication

No wiring necessary but simply plug into each AC outlet.
Applicable to anywhere in the house, office, store, factory etc
with AC outlet

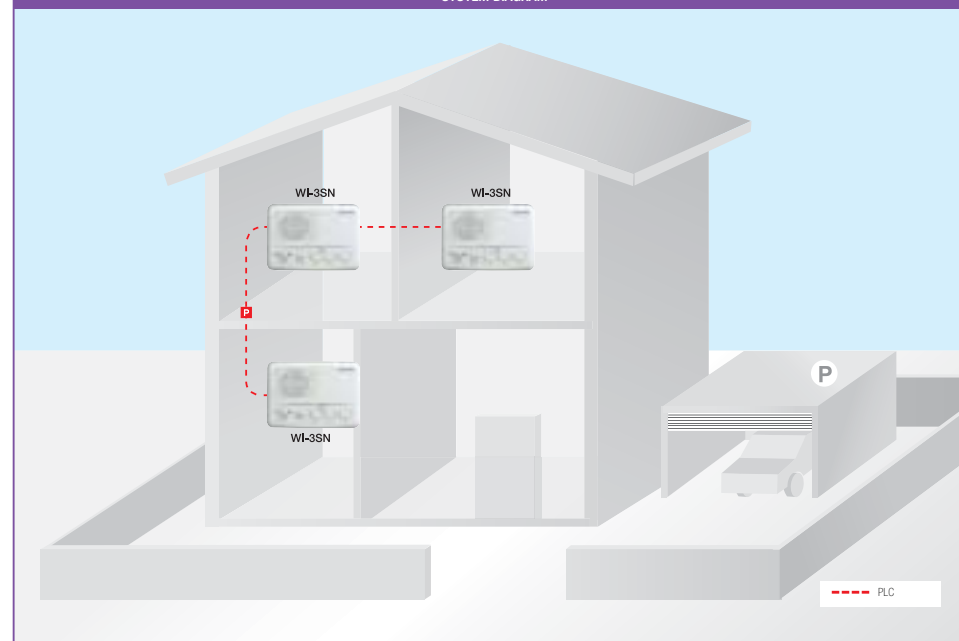


WI-2B



WI-4C

SYSTEM DIAGRAM



Specifications

- Power source : AC 100/110/220/230V, 50/60Hz, 200mA
- Wiring : PLC type
- Audio output : 0.5W
- RF output : 0.1W
- Dimension : 1)WI-2B : 144 x 142 x 47(mm)
2)WI-3SN : 186 x 133 x 43(mm)
3)WI-4C : 183 x 137 x 43(mm)

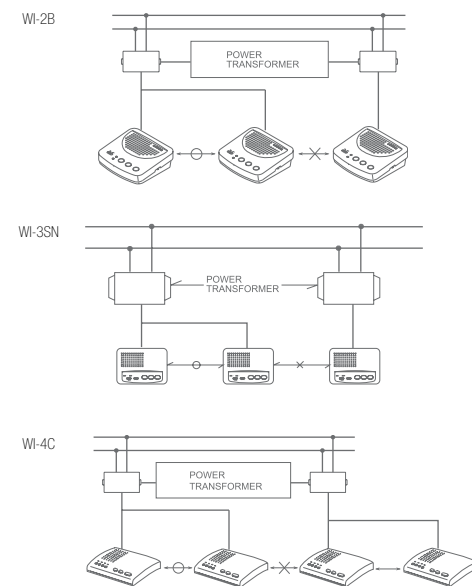
Functions

- High Audio quality adopted PLL function (Phase Locked Loop)
- No cross of wires
- Available to install anywhere with AC outlet
- Enabling long communication through PTT (priority call function)
- Calling to household
- Adjustable sound level
- Indicating in-use status

Recommended Products

- WI-2B : 2 channel
- WI-3SN : 3 channel
- WI-4C : 4 channel

CONNECTING DIAGRAM



Interphone & Intercom

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CM-810M

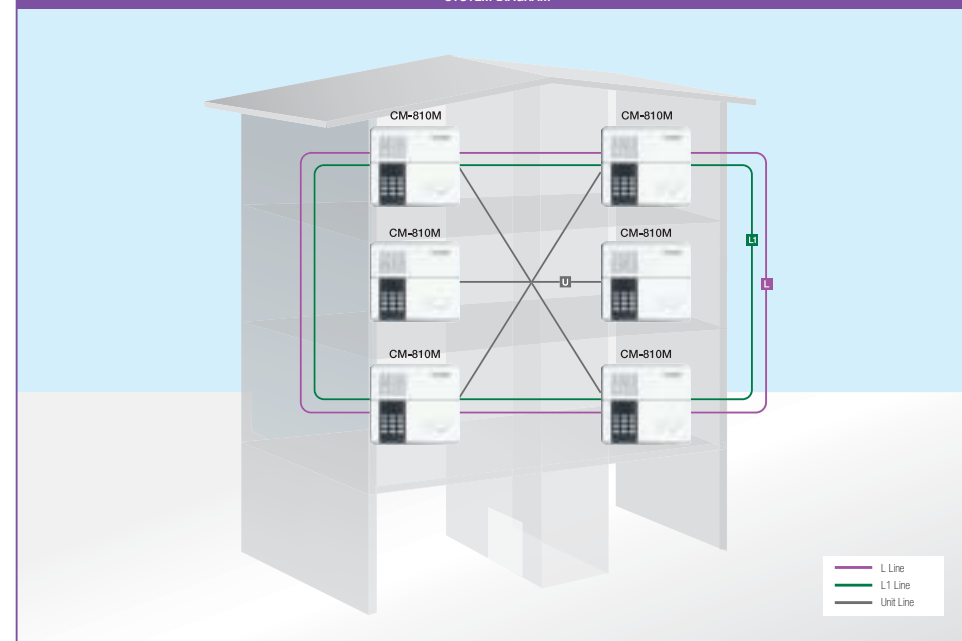
Intercom

CM-810M

MASTER : MASTER

Applicable to hospitals, guard station, office environments
Assuring the best audio quality at any places

SYSTEM DIAGRAM



Specifications

- Power source : DC 12V, 250mA
- Mounting type : Wall surface mounted type & table type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Wiring : 2 wires +n (number of unit)
- Distance : 300m(φ0.65)
- Dimension : 254 x 155 x 53(mm)

Functions

- Applicable to office, hospital, restaurant etc.
- Adjustable sound level depending on its environments
- Enabling long communication through PTT function
- Calling to household
- Adjustable sound level
- Indicating in-use status
- Calling ID display on FND display

Recommended Products

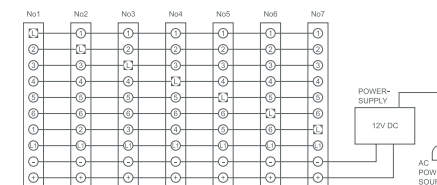


RF-1A(SMPS)



RF-1A(TRANS)

CONNECTING DIAGRAM



Interphone & Intercom

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CM-810



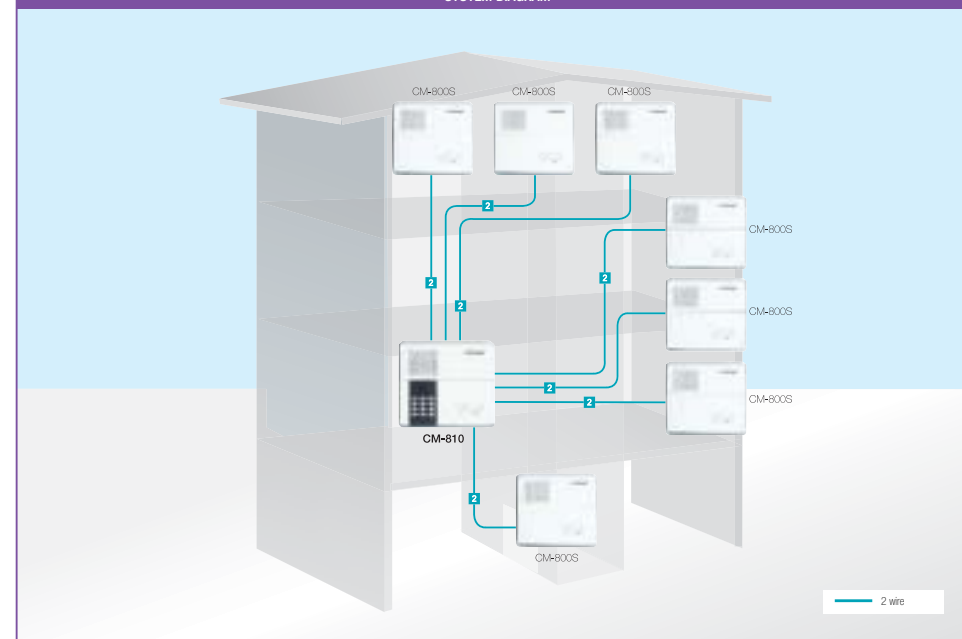
CM-800S

Intercom

CM-800S/810

Applicable to hospitals, guard station, office environments
Assuring the best audio quality at any places

SYSTEM DIAGRAM



Specifications

- Power source : DC 12V, 200mA
- Mounting type : Wall surface mounted type & table type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Wiring : Individual 2 wires(CM-800S)
- Distance : 300m(φ0.65)
- Dimension : 254 x 155 x 53(mm)

Functions

- Applicable to office, hospital, restaurant etc
- Adjustable sound level depending on its environments
- Enabling long communication through PTT function
- Calling to household
- Adjustable sound level
- Indicating in-use status
- Calling ID display on FND display

Recommended Products



CM-800S

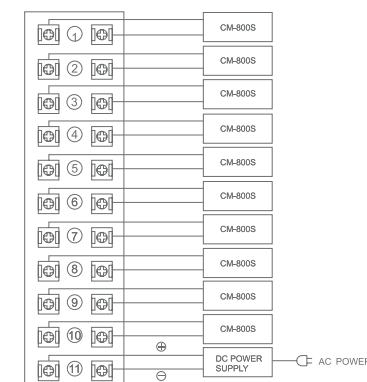


RF-1AS(SMP'S)



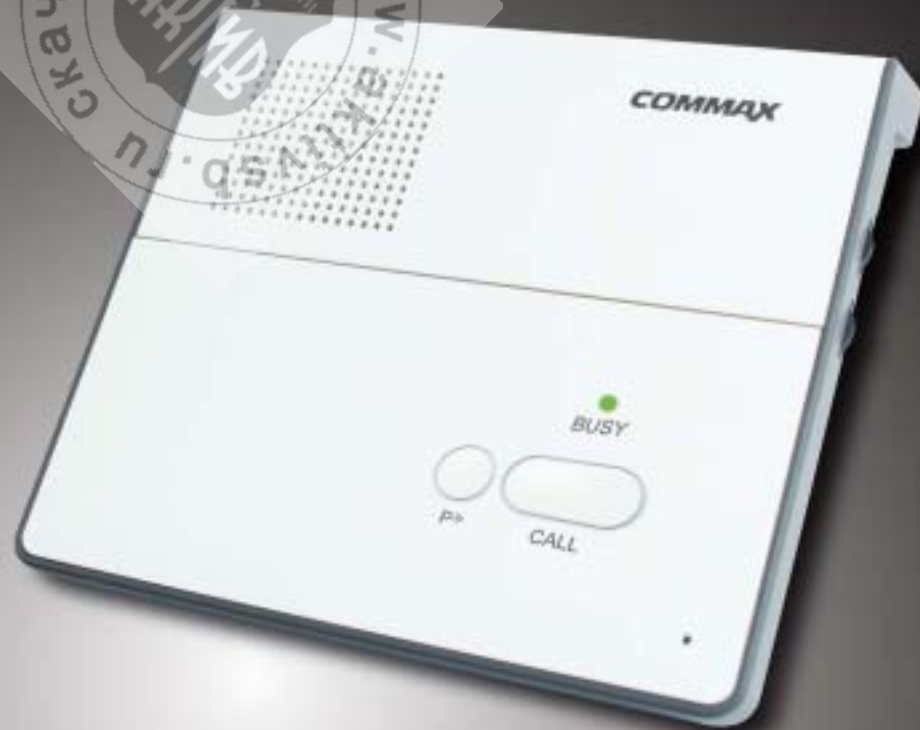
RF-1A(TRANS)

CONNECTING DIAGRAM



Interphone & Intercom

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CM-801



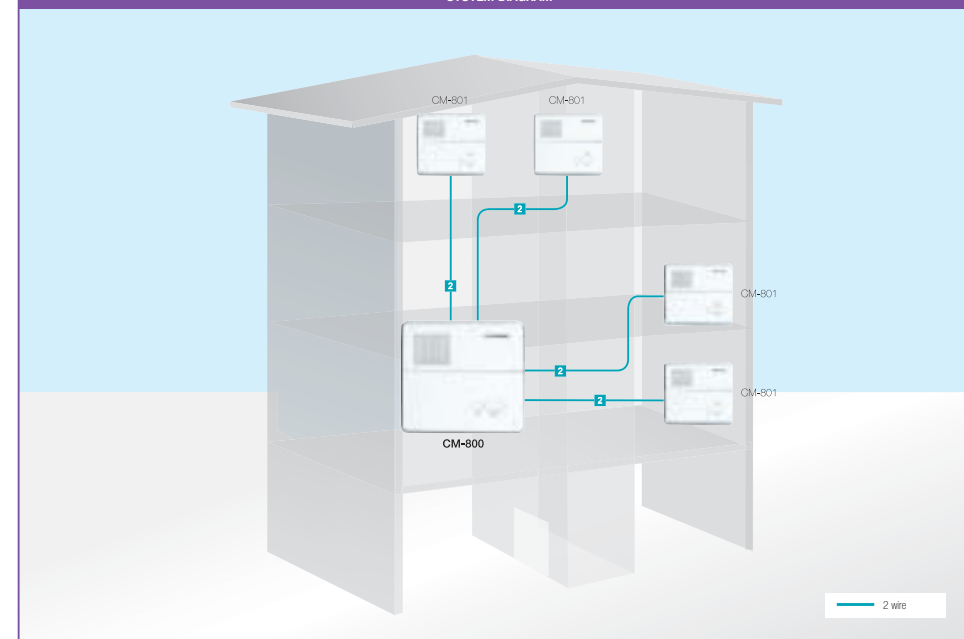
CM-800

Intercom

CM-800/801

Applicable to hospitals, guard station, office environments
Assuring the best audio quality at any places

SYSTEM DIAGRAM



Specifications

- Power source : DC 12V, 200mA
- Mounting type : Wall surface mounted type & table type
- Temperature : 0°C ~ +40°C (32°F ~ 104°F)
- Wiring : Individual 2 wires(CM-800)
- Distance : 300m(φ0.65)
- Dimension : 254 x 155 x 53(mm)

Functions

- Adjustable sound level depending on its environments
- Enabling long communication through PTT function
- Calling to household
- Indicating in-use status

Recommended Products



CM-800

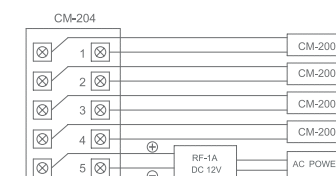
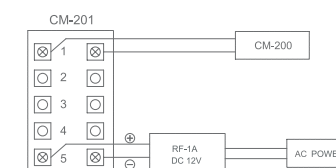


RF-1A(SMP'S)



RF-1A(TRANS)

CONNECTING DIAGRAM



Digital DoorLock

COMMAX digital door lock that includes RF card based non-contact type and fingerprint recognition type adopts easy-to-use manipulation system, powerful security function and sophisticated design, it is widely used to open and close doors not only in homes and offices but also in factories. As it is interlinked with home network system, it provides enhanced convenience at home as state-of-the-art digital door lock system.

The door lock consists of a key control unit to release the door lock through the use of a key insertion groove, a key control unit lock to fix or revolve a rotating body and an electric circuit to release the door lock.

Since the door lock includes panic system that enables a resident to open the door through a simple key action at a time of emergency, even old people and children can easily use it. If the door is forcibly opened, it gives the alarm, and its double-lock system keeps residents safe by preventing from opening the door even the use of a key or a password from outside.



Digital Door Lock

The most safe and elegant door lock in the world



CDL-100/100R /100RC

Our digital door lock can make you feel comfortable and safe life, the lock is made from built-in static electricity prevention circuit, and designed The CDL-500R is the most safe and elegant lock on the market today offering a built in system for safe high temperature, fire alarm function and door lock release function.

Specifications

- Operating : Pin number, RFID pad
- Battery : 1.5V alkaline battery (AA size) 8 pcs.
- Materials : Out : zinc die casting / ABS, In : ABS steel
- Alarm : Built-in motis lock internal alarm function
- Driving method : Mechanical auto locking
- Locking functions : Panic release, automatic locking, double locking (forceful locking)
- Optional : Remote control(CDL-300RC)
- Dimensions : Out : 75 x 310 x 17.5(mm) / In : 86 x 280 x 40(mm)

Features

- Internal dual locking device, offering safety and comfort.
- Alarm voice deters in case of abnormal opening a door.
- In case of emergency, it is possible to open a door by simple operating of handle, which activate panic function.
- Maximization of security and convenience, by using 3 ways of opening (Pin number, emergency key, RF/ID card)
- In case of entrance of large number of people, it is possible to use passive mode of opening the door.
- Alarm voice with high noise will deter, if the door is forcefully entered.
- Usage of motis lock, which has passed 30,000 times of handle taking down testing.
- Compatibility with COMMAX's home network products (optional)



Functions

Possibility to use registered all cards, that have function of transport cards, operating when card is getting close, alarm voice for preventing entrance of undesirable visitors, burglar alarm, removal function of lost cards, one-touch function, auto lock function, built-in static electricity prevention function, remote control (optional), battery change alarm function

Digital Door Lock

The most safe and elegant door lock in the world

CDL-300/300R /300RC

This lock is developed in such way, that at an emergency situation, it is possible to leave safely the house, by easily opening a door, with usage of panic function. The CDL-500R is the most safe and elegant lock on the market today offering a built in system for safe high temperature, fire alarm function and door lock release function.



Specifications

- **Operating** : Pin number, RFID pad
- **Battery** : 1.5V alkaline battery (AA size) 8 pcs.
- **Materials** : Out : zinc die casting / ABS, In : ABS steel
- **Alarm** : Built-in motis lock internal alarm function
- **Driving method** : Mechanical auto locking
- **Locking functions** : Panic release, automatic locking, double locking (forceful locking)
- **Optional** : Remote control(CDL-300RC)
- **Dimensions** : Out : 75 x 310 x 17.5(mm) / In : 86 x 280 x 40(mm)

Features

- Internal dual locking device, offering safety and comfort.
- Alarm voice deters in case of abnormal opening a door.
- In case of emergency, it is possible to open a door by simple operating of handle, which activate panic function.
- Maximization of security and convenience, by using 3 ways of opening (Pin number, emergency key, RF/ID card)
- In case of entrance of large number of people, it is possible to use passive mode of opening the door.
- Alarm voice with high noise will deter, if the door is forcefully entered.
- Usage of motis lock, which has passed 30,000 times of handle taking down testing.
- Compatibility with COMMAX's home network products (optional)



Functions

Possibility to use registered all cards, that have function of transport cards, operating when card is getting close, alarm voice for preventing entrance of undesirable visitors, burglar alarm, removal function of lost cards, one-touch function, auto lock function, built-in static electricity prevention function, remote control (optional), battery change alarm function



CDL-500R

Our digital door lock can make you feel comfortable and safe life. The lock is made from built-in static electricity prevention circuit. The CDL-500R is the most safe and elegant lock on the market today offering a built in system for safe high temperature, fire alarm function and door lock release function.

Specifications

- **Operating** : Pin number, RFID pad
- **Battery** : 1.5V alkaline battery (AA size) 4 pcs
- **Materials** : Out : zinc die casting / ABS, In : ABS steel
- **Alarm** : Built-in motis lock internal alarm function
- **Driving method** : Mechanical auto locking
- **Locking functions** : Panic release, automatic locking, double locking (forceful locking)
- **Dimensions** : Out : 72 x 142 x 30(mm) / In : 42 x 165 x 90(mm)

Features

- Internal dual locking device, offering safety and comfort.
- Alarm Voice will deter, if the door is entered by abnormal way.
- Maximization of security and safety by using 3 methods of unlocking (Pin number, urgency key, RFID card)
- Possibility to use lock passive change when people entering the door, if there are parties or events
- Alarm voice with high noise will deter, if the door is forcefully entered.
- Usage of motis lock, which has passed 30,000 times of handle taking down testing.



Functions

Possibility to use registered all cards, that have function of transport cards, operating when card is getting close, alarm voice for preventing entrance of undesirable visitors, burglar alarm, removal function of lost cards, one-touch function, auto lock function, built-in static electricity prevention function, battery change alarm function



Sales Locations



Western Europe

Austria
France
Germany
Greece
Italy
Malta
Norway
Portugal
Turkey
U.K.



Eastern Europe

Armenia
Bulgaria
Croatia
Czech Republic
Hungary
Kazakhstan
Latvia
Lithuania (Russian Federation)
Macedonia
Poland
Romania
Russia
Slovakia
Ukraine



Africa

Algerie
Egypt
Mauritius
Morocco
Nigeria
South Africa
Sudan



The Middle East

Afghanistan
Iran
Israel
Jordan
Lebanon
Saudi Arabia
Syria
U.A.E.



Asia

China
Hong Kong
India
Indonesia
Japan
Malaysia
Pakistan
Philippines
Singapore
Taiwan
Thailand
Vietnam



Oceania

Australia
New Zealand



North America

Canada
U.S.A.



South America

Argentina
Bolivia
Brazil
Chile
Colombia
Costa Rica
Dominica Rep.
Ecuador
Guatemala
Honduras
Mexico
Panama
Peru
Uruguay

Home Network
COMMAX

For your inquiry

For more information about our COMMAX, please visit our web-site
www.commax.com



External design, features, functions, and specifications of product are subject to change without any prior notice to ensure the best quality of product.