Video Door Phone

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

P-Series

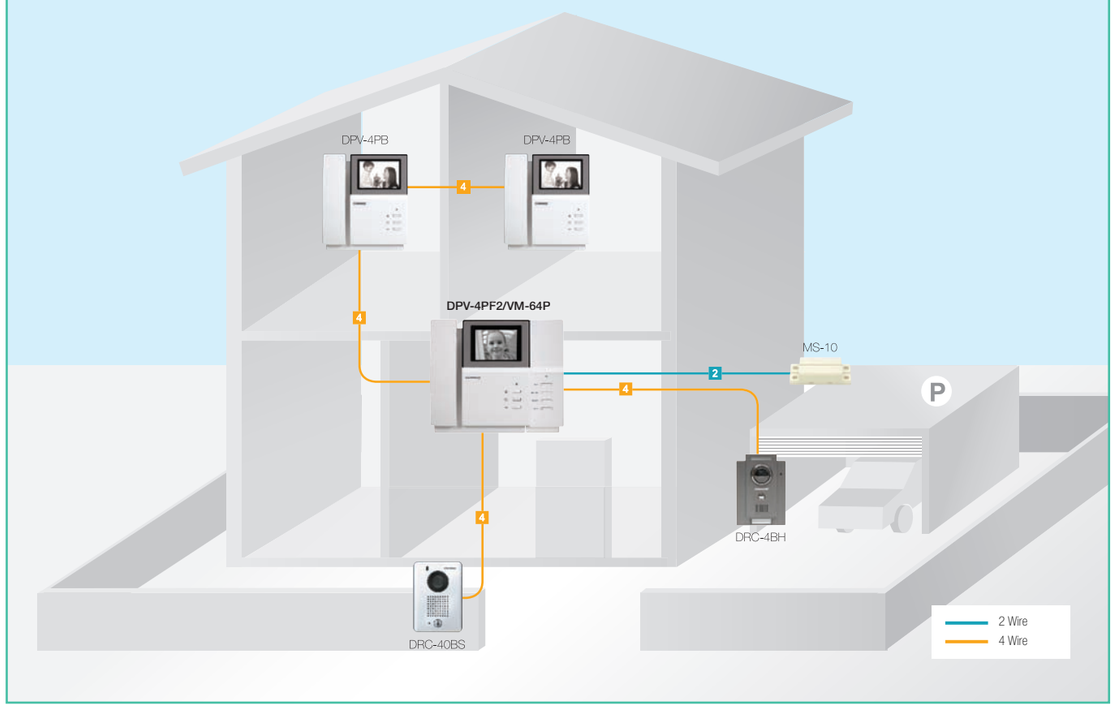
B/W VIDEO DOOR PHONE

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



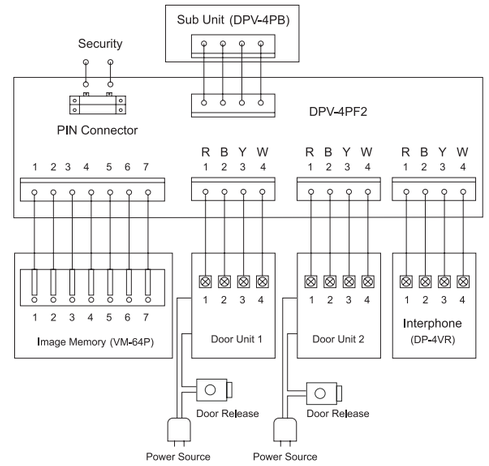
Specifications

- **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 $\pm$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

CONNECTING DIAGRAM



Model selection guide

Model	Camera1	Camera2	Camera4	Security	Memory	Additional A/V	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

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.

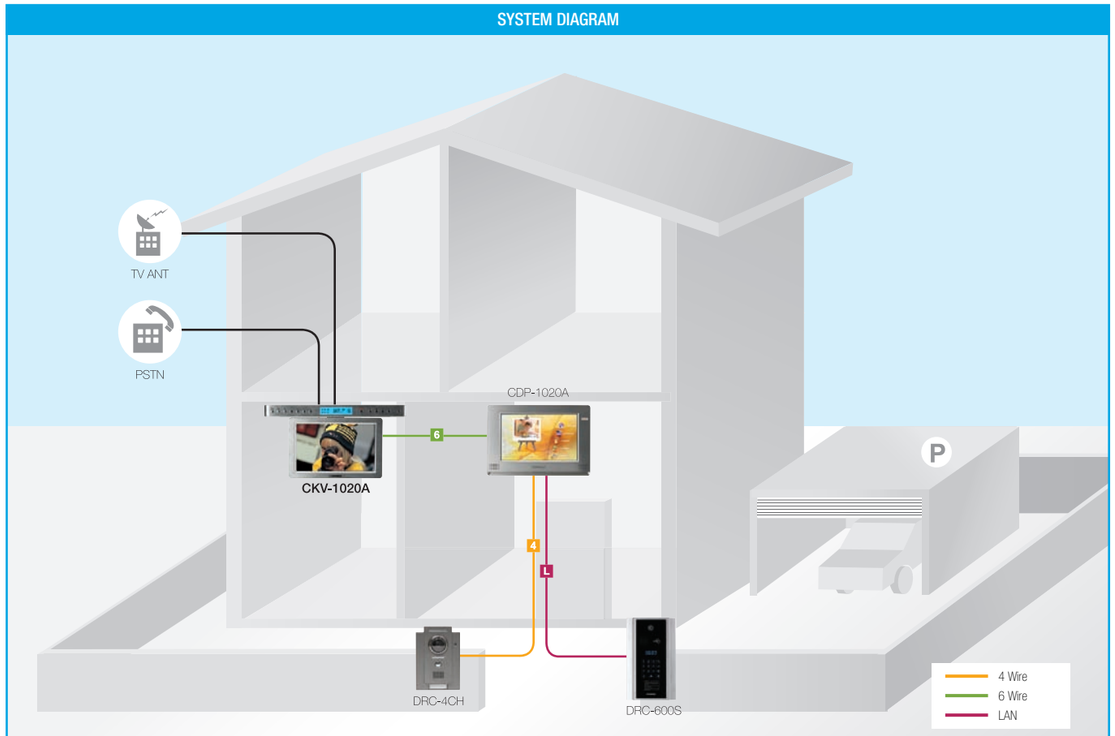
It is characterized by clear images, 270-degree revolution enabling users to watch TV at any angle and convenient receipt of phone calls and checking of visitors in connection with home automation.

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

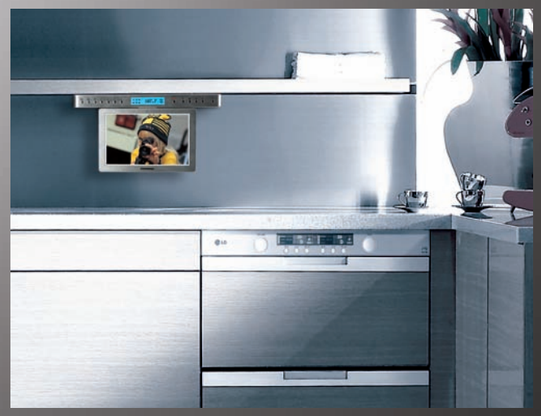
SYSTEM DIAGRAM



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(Φ0.65)
- **Communication** : RS-485
- **On-screen duration** : 60 ±5 sec
- **Audio out out** : Max 1Wx2
- **Temperature** : 0°C ~ +40°C (32°F ~ 104°F)
- **Dimension** : 400 x 259 x 212 [70](mm)

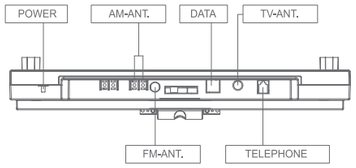
Features

- 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



1. N.C
2. N.C
3. RS-485(-)
4. AUDIO
5. AUDIO
6. RS-485(+)
7. VIDEO
8. GND

Recommended Products

- Home network : All wall pad

CDP-1020A

CDP-1020C

- Home automation

CAV-503I

CAV-502IM/702IM

TV Phone

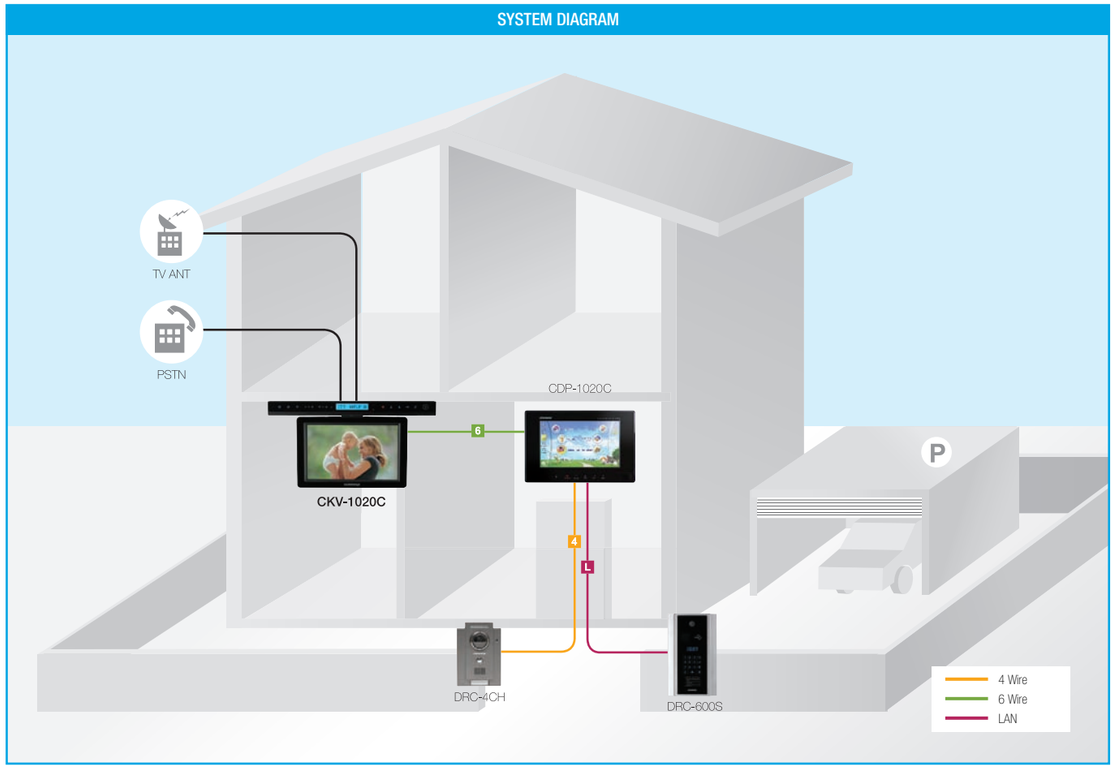
WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

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



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- **Audio out out** : Max 1Wx2
- **Temperature** : 0°C ~ +40°C (32°F ~ 104°F)
- **Dimension** : 400 x 259 x 212 [70](mm)

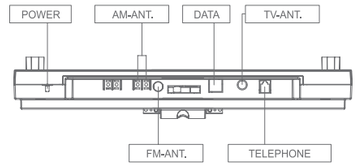
Features

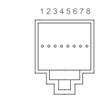
- Touch key button type
- Connecting door camera makes user convenient to talk with a visitor and open the door.
- The LCD screen is adjustable up/down/left/right directions in high resolution to watch TV and check a visitor
- The LCD panel can get folded completely to the body, no spare it needs when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

CONNECTING DIAGRAM





Recommended Products

- Home network : All wall pad

CDP-1020A | CDP-1020C

- Home automation

CAV-503I | CAV-502IM/702IM

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

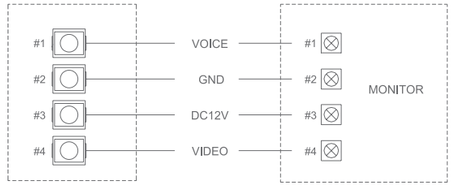
Door camera

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.

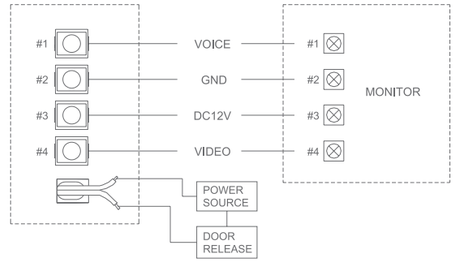
Door camera

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

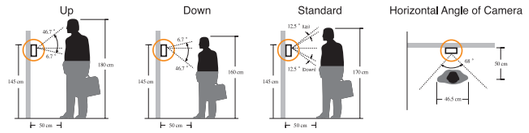
- Night automatic illumination (White LED / Built-in camera)

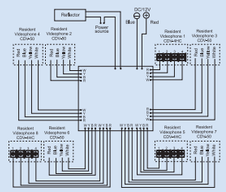
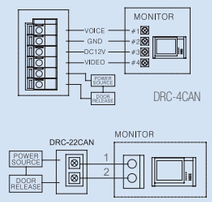
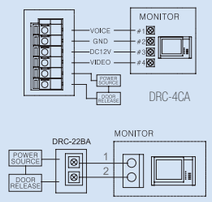
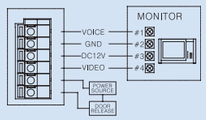
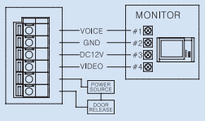
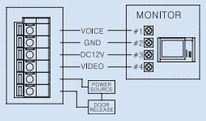
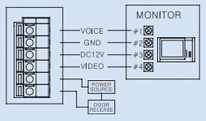
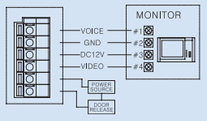
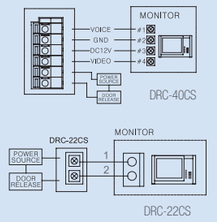
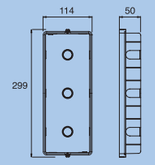
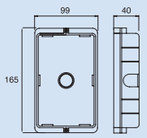
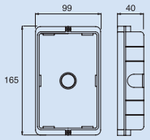
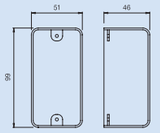
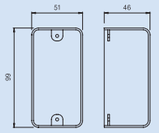
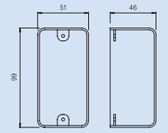
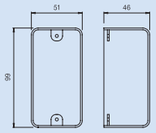
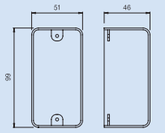
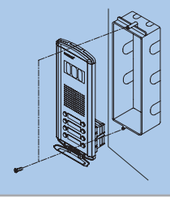
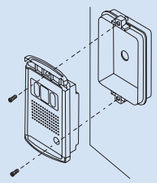
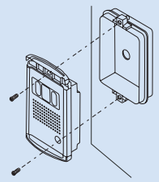
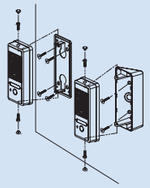
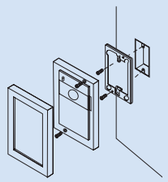
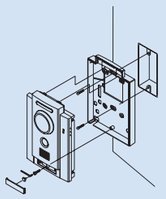
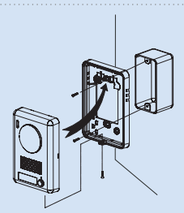
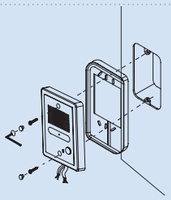
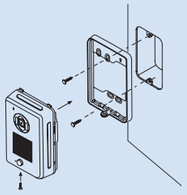
Recommended Products

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-4CM DRC-4CMH**	**DRC -4CH**	**DRC-4ICSN**	**DRC-4CG**	**DRC-40CS DRC-22CS**
Color CCD	Image Sensor	Color CCD	Color CCD	Color CCD	Color CCD	Color CCD	Color CMOS	Color CCD	Color CCD
All	Applicable System	DRC-4CAN : All DRC-22CAN : CDV-52A/52AS	DRC-4CA : All DRC-22CA : CDV-52A/52AS	All	All	All	All	All	DRC-40CS : All DRC-22CS : CDV-52A/52AS
Individual 4 wires	Wiring	DRC-4CAN : 4 wires DRC-22CAN : 2 wires	DRC-4CA : 4 wires DRC-22CA : 2 wires	4 wires	4 wires	4 wires	4 - wires	4 wires	DRC-40CS : 4 wires DRC-22CS : 2 wires
0 Lux (300mm from Camera)	Min. Illumination	0 Lux (300mm from Camera)	0 Lux (300mm from Camera)	0.1 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)
-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
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)
	Connecting Diagram								
	Flush Box Dimension			–					
	Installation								

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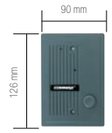
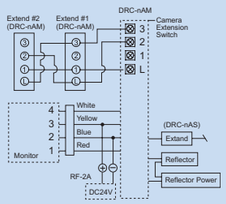
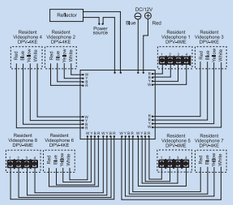
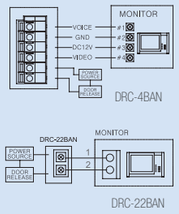
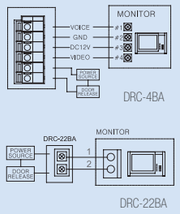
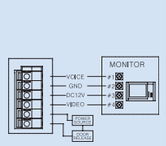
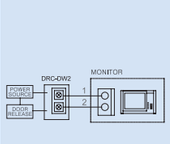
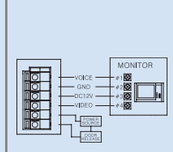
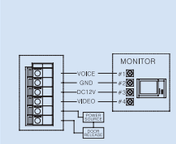
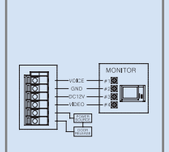
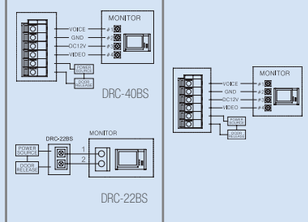
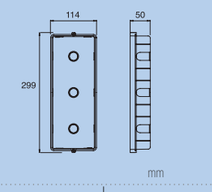
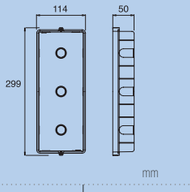
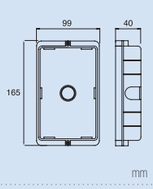
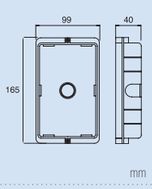
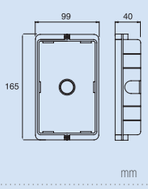
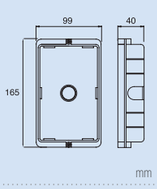
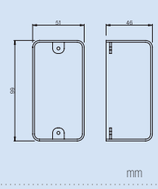
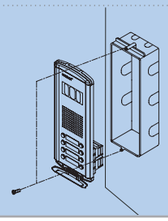
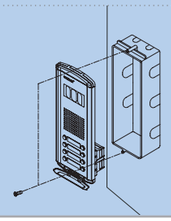
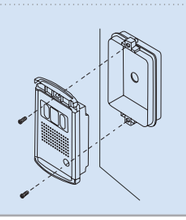
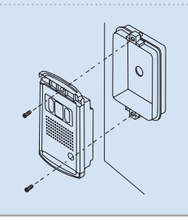
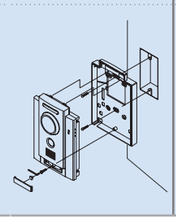
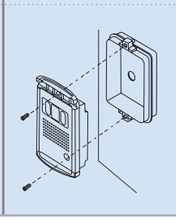
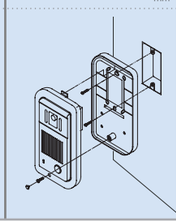
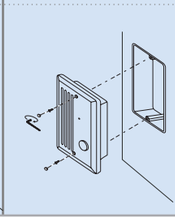
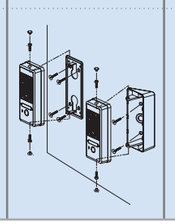
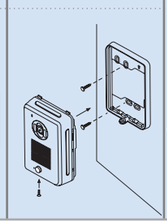
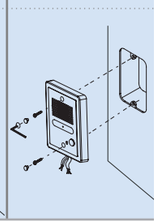
											
DRC-nAM	**DRC - nAB**		**DRC-4BAN DRC-22BAN**	**DRC-4BA DRC-22BA**	**DRC -4BH**	**DRC-DW2**	**DRC-403DF**	**DRC - 40P**	**DRC - 4BP**	**DRC-40BS DRC-22BS**	**DRC-4BG**
B/W CCD 1/3"	B/W CCD 1/3"	Image Sensor	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"	B/W CCD 1/3"
APV-4CME/2 I 4CMD/2 APV-4KM/S I 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)	0.1 Lux (300mm from Camera)	0.1 Lux (300mm from Camera)	0 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)

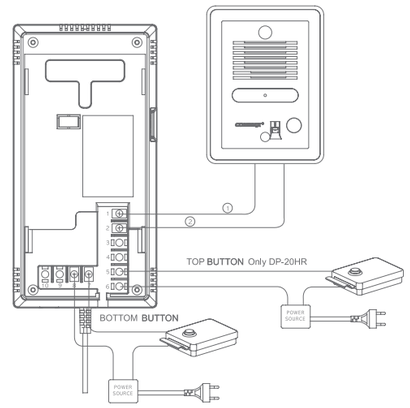
Features

- 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)

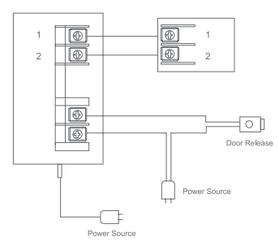
Features

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

Functions

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

CONNECTING DIAGRAM



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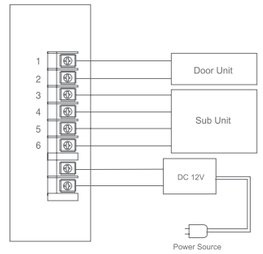


<DP-2KN>

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(Φ0.65)
- **Temperature** : 0°C ~ +50°C (32°F ~ 122°F)
- **Dimension** : 72 x 215 x 38(mm)

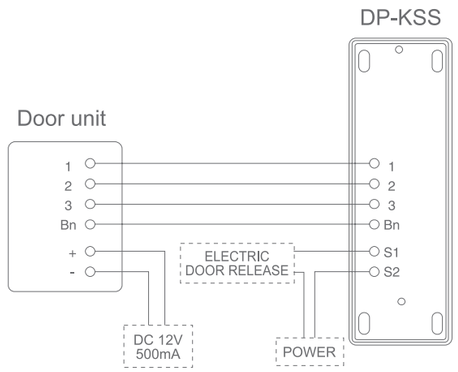
Features

- 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(Φ0.65)
- **Temperature** : 0°C ~ +50°C (32°F ~ 122°F)
- **Dimension** : 92 x 230 x 46(mm)

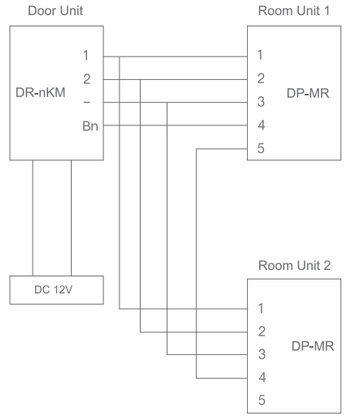
Features

- 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	99, 40, 165 mm	99, 40, 165 mm	–	–	–	–
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	99, 40, 165 mm	114, 50, 188 mm	120, 50, 221 mm	126, 95, 62, 262 mm	126, 95, 62, 262 mm	114, 50, 299 mm	114, 50, 299 mm
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

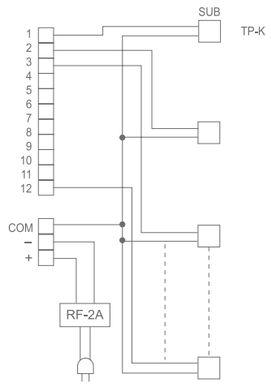
Specifications

- **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(ϕ0.65)
- **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

CONNECTING DIAGRAM



Recommended Products

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

TP-1K

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

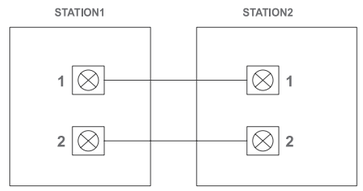
Specifications

- **Power source** : DC6V, 300mA
- **Mounting type** : Wall surface mounted type
- **Temperature** : 0°C ~ +40°C(32°F ~ 104°F)
- **Wiring** : 2 wires
- **Distance** : 100m(ϕ0.65)
- **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

CONNECTING DIAGRAM



Recommended Products

TP-1K

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

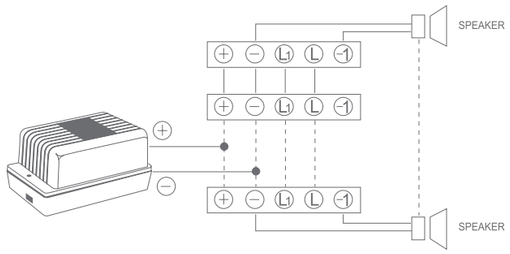
Specifications

- **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

CONNECTING DIAGRAM



Recommended Products

DR-DW2N | RF-1AS | RF-1A

TP-nKP

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

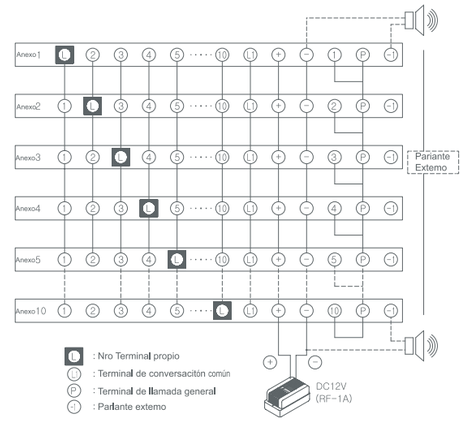
Specifications

- **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(0.65 Φ)
- **Dimension** : 98 x 215 x 38(mm)

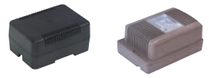
Functions

- 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

CONNECTING DIAGRAM



Recommended Products



RF-1AS | RF-1A

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

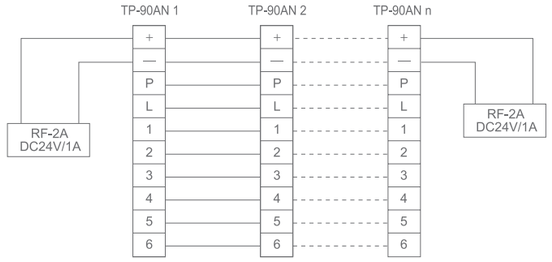
Specifications

- **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)

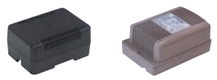
Functions

- 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

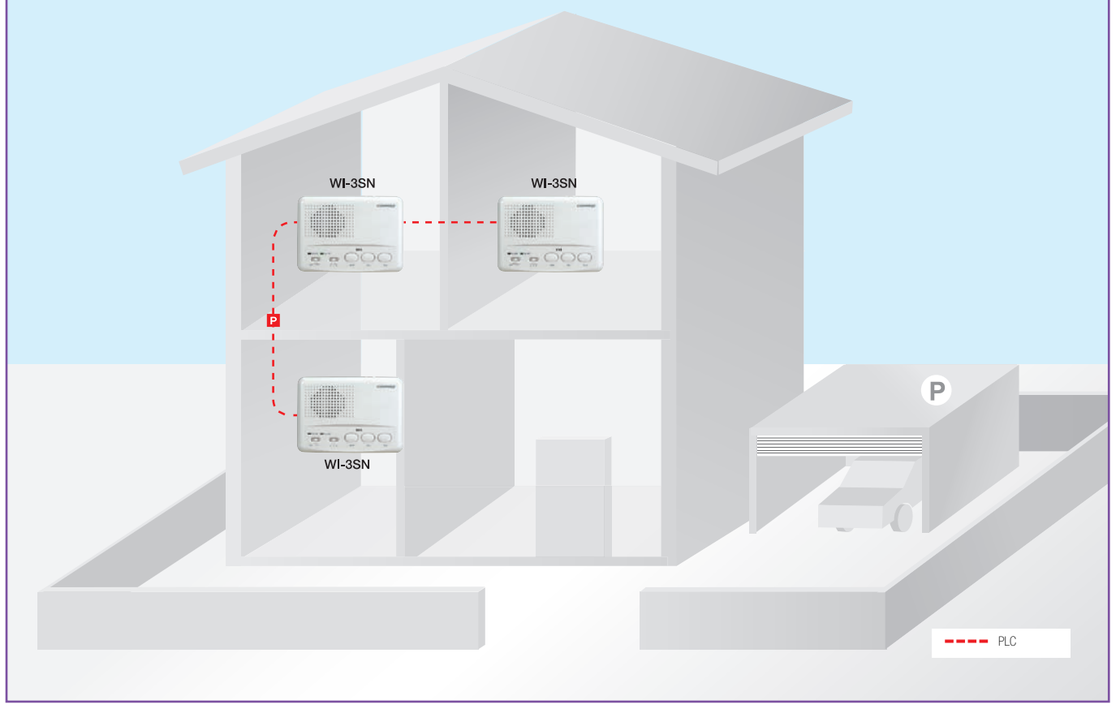
Power line communication

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

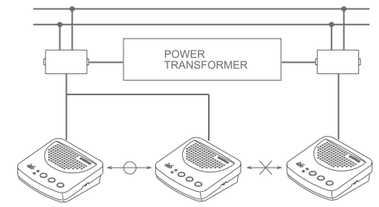
- High Audio quality adopted PLL function (Phase Locked Loop)
- No cross of wires
- Available to install anywhere with AC outlet
- Enabling long communication through PTT (priority call function)
- Calling to household
- Adjustable sound level
- Indicating in-use status

Recommended Products

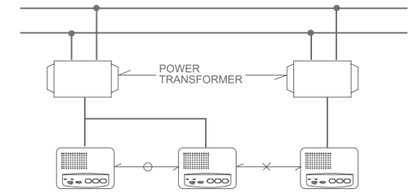
- WI-2B : 2 channel
- WI-3SN : 3 channel
- WI-4C : 4 channel

CONNECTING DIAGRAM

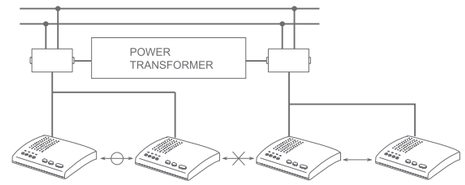
WI-2B



WI-3SN



WI-4C



Interphone & Intercom

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

Intercom

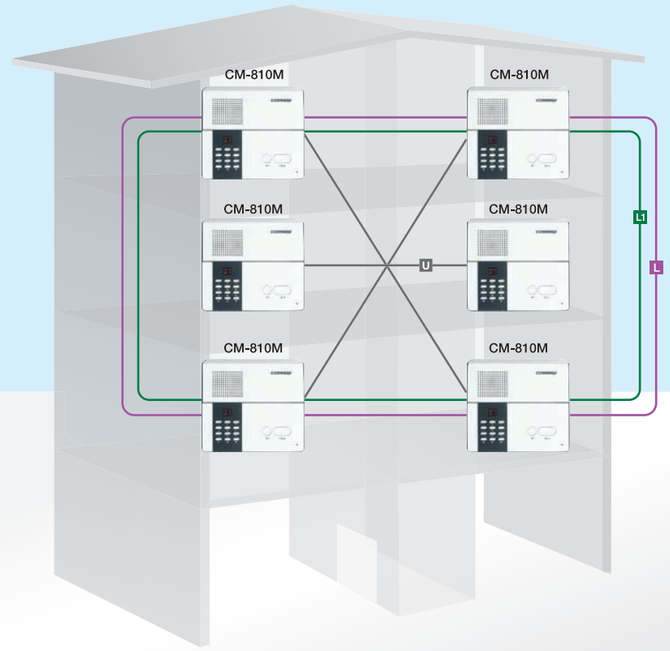
CM-810M

MASTER : MASTER

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

CM-810M

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** : 3 wires +n (number of unit)
- **Distance** : 300m(ϕ0.65)
- **Dimension** : 254 x 155 x 53(mm)

Functions

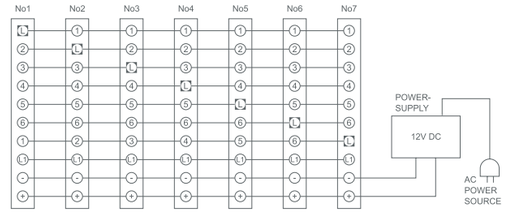
- Expendable up to 10 pcs
- Applicable to office, hospital, restaurant etc.
- Adjustable sound level depending on its environments
- Enabling long communication through PTT function
- Calling to household
- Adjustable sound level
- Indicating in-use status
- Calling ID display on FND display

Recommended Products

RF-1AS(SMPS)

RF-1A(TRANS)

CONNECTING DIAGRAM



Interphone & Intercom

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS

CM-810

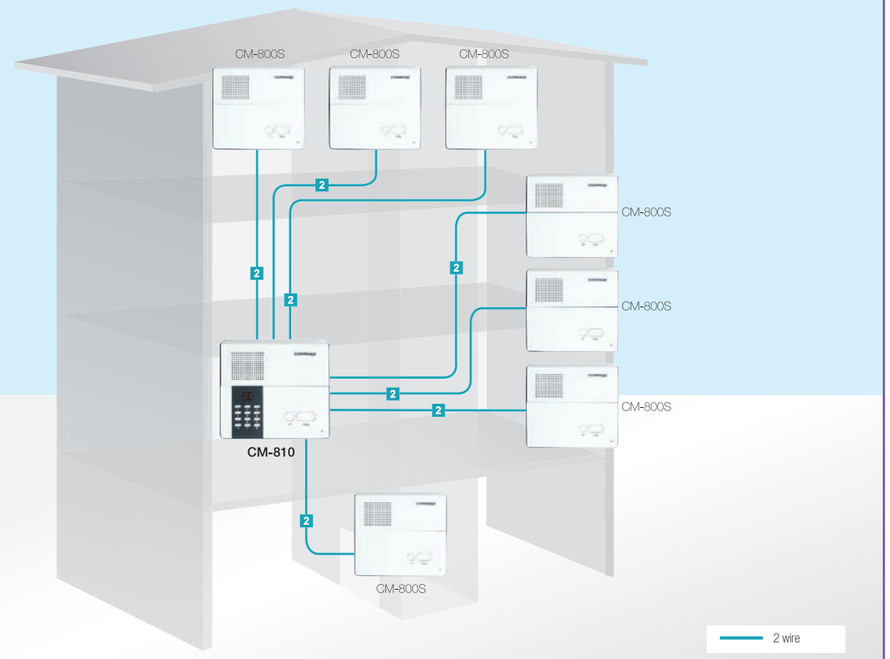
Intercom

CM-800S/810

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

CM-800S

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)

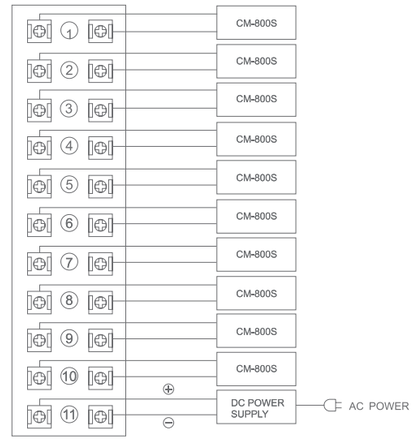
Functions

- Expendable up to 10 pcs(CM-800S)
- 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

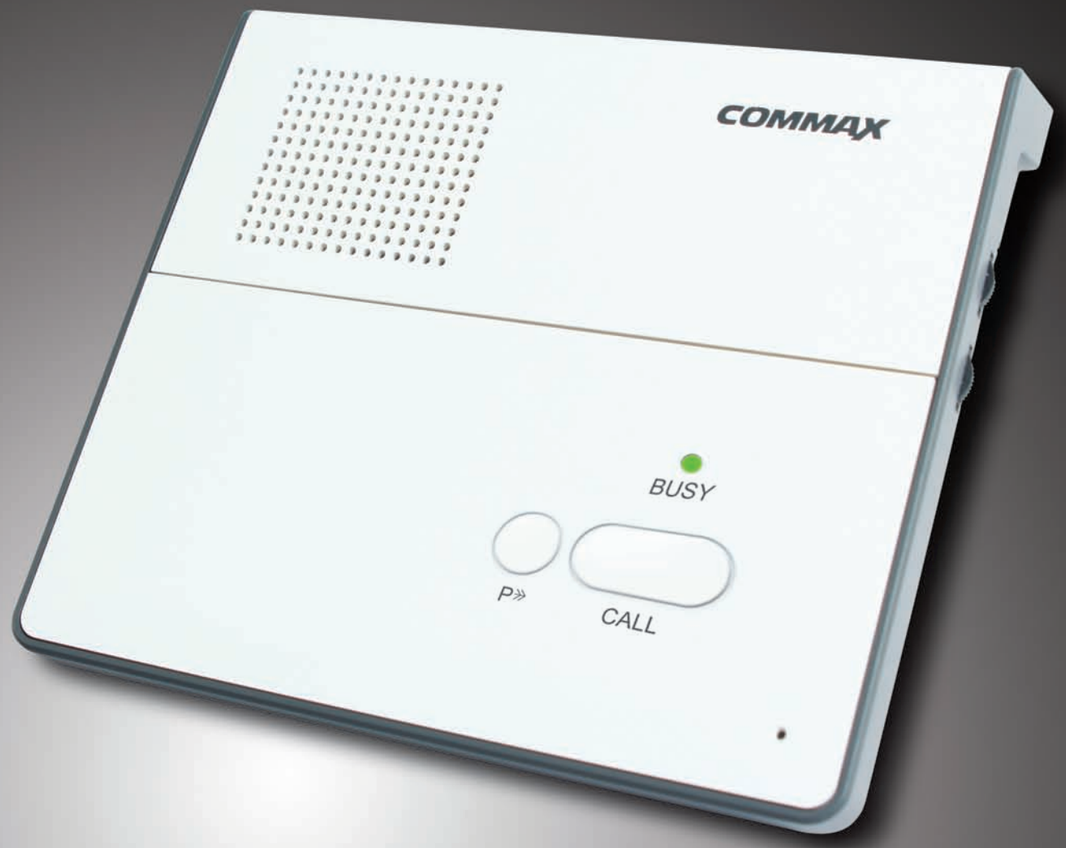
CM-800S　RF-1AS(SMPS)　RF-1A(TRANS)

CONNECTING DIAGRAM



Interphone & Intercom

WONDERFUL VIDEO/AUDIO QUALITY OVER 40 YEARS



CM-801

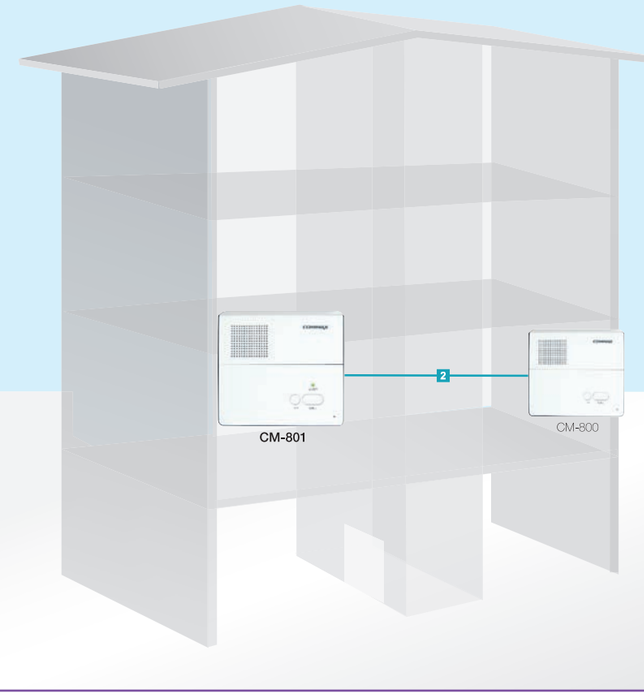
Intercom

CM-800/801

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

CM-800

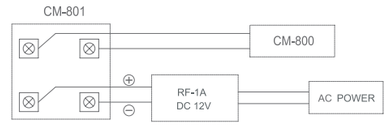
SYSTEM DIAGRAM



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)

CONNECTING DIAGRAM



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-1AS(SMPS) | RF-1A(TRANS)

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

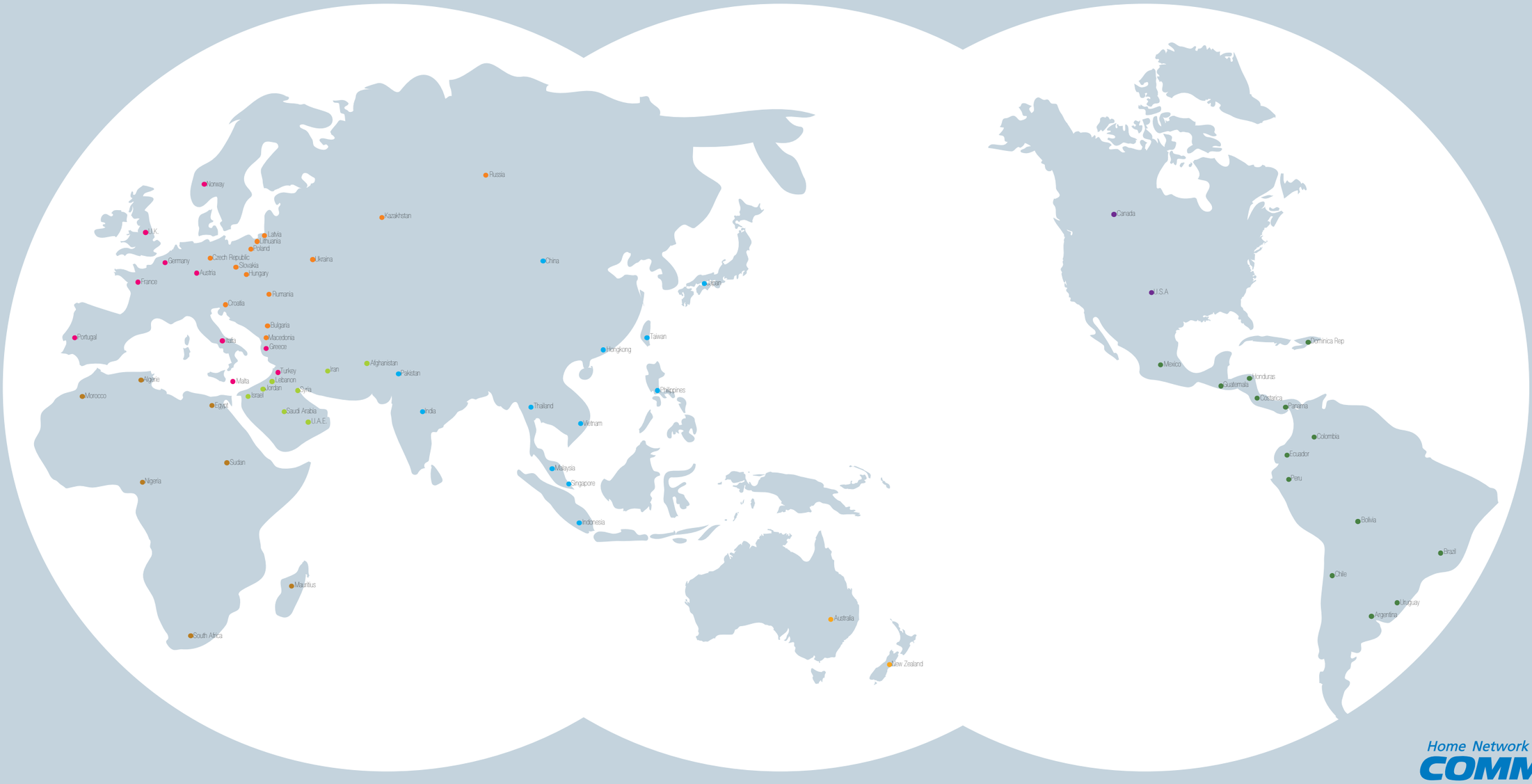
- **Operating** : Pin number, RFID pad
- **Battery** : 1.5V alkaline battery (AA size) 4 pcs
- **Materials** : Out : zinc die casting / ABS, In : ABS steel
- **Alarm** : Built-in motis lock internal alarm function
- **Driving method** : Mechanical auto locking
- **Locking functions** : Panic release, 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



Home Network
COMMAX

For your inquiry

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

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

Eastern Europe
Armenia
Bulgaria
Croatia
Czech Republic
Hungary
Kazakhstan
Latvia
Lithuana [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

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Brazil
Chile
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Costa Rica
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Ecuador
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Honduras
Mexico
Panama
Peru
Uruguay

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