

## Greetings

1. Thank you for purchasing our Commax product.
2. You should read this user's manual carefully before operating the unit.

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MEMO.

## Warnings and caution

Please follow the things described below in order to prevent any danger or property damage.



### Warning

It may cause a serious damage or injury if violated.



### Caution

It may cause a minor damage or injury if violated.



Prohibition.



No disassembly



No touch



Must follow strictly.



Shows plugging out the power cord without an exception



Shows the warning and caution for an electric shock.



Shows the warning and caution for a fire.

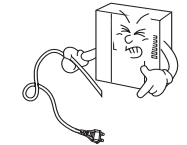


## Warning

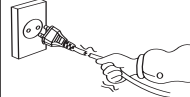
Please don't use several products at the same time on one power socket.  
· It may cause a fire due to an abnormal overheating.



Please don't bend the power cable excessively or it may cause an electric shock.  
· fire when using a damaged power cable.



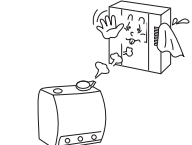
Please don't handle the power cable with a wet hand.  
· It may cause an electric shock.



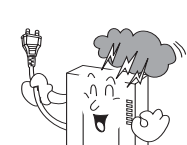
Please plug out the power cable from the socket when not using it for a long period of time.  
· It may shorten the product lifespan or cause a fire.



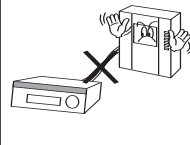
Please don't install the product in the place where there is much oil, smoke or humidity.  
· It may cause an electric shock or fire.



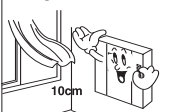
Please don't install the product with the lightning and thunder.  
· It may cause an electric shock or fire.



Please don't use and connect this product with other products with different rated voltage.  
· It may cause a disorder or fire.



When installing the product that generates heat, please install the product away from the wall (10cm) for the ventilation.  
· It may cause a fire due to the increased internal temperature.



## Warning

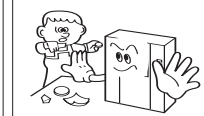
Please don't disassemble, repair or rebuild this product arbitrarily (please contact the service center if a repair is needed).  
· It may cause an electric shock or fire.



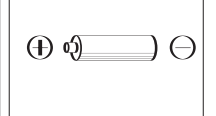
If an abnormal sound, burning smell or smoke is coming out of the product, please plug out the power cable and contact a service center.  
· It may cause an electric shock or fire.



Please don't insert any metallic or burnable materials into the ventilation hole.  
· It may cause an electric shock or fire.



Please use only the designated batteries for the products of using DC power.  
· It may cause an electric shock or fire.

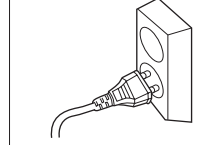


### Cleaning & Use

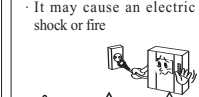


## Caution

Please plug the power cable firmly into the inner end.  
· It may cause a fire.



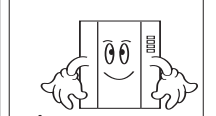
Please hold the plug tightly when unplugging the power cable (a part of the copper wire may be disconnected if the grabbing is only made on the cord when pulling out the cable).  
· It may cause an electric shock or fire.



When connecting the power cables after cutting the cable, please install the product with power off.  
· It may cause an electric shock or fire.

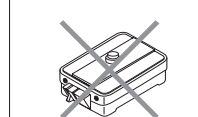


When installing the product, please fix it firmly while using the wall-mounting unit and screws.  
· It may cause an injury from the falling object.



### Power & Installation

Please be careful when using an AC circuit breaker since there is a possibility of an electric shock.



Please check the use voltage and current for the DC-only products and use the appropriate rectifier.  
· It may cause a fire.



Please avoid direct rays of the sun or heating devices at a time of installation.  
· It may cause a fire.



Please don't install the product on an unstable place or small support board.  
· It may cause an injury if it falls down while in use.

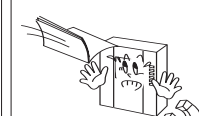


### Cleaning & Use

When cleaning the product, please rub it with a soft and dry cloth after plugging out the power cable. (Please don't use any chemical products such as wax, benzene, alcohol or cleanser.)



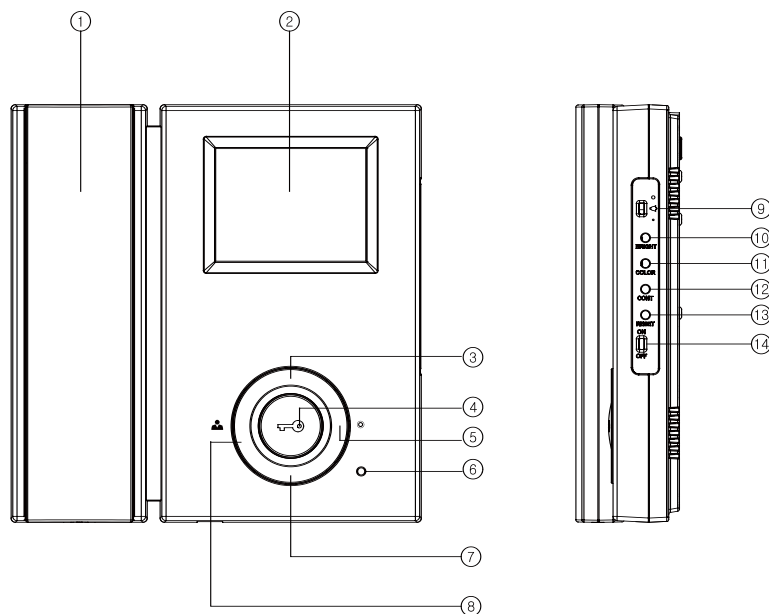
Please don't drop the product on the ground and don't apply a shock.  
· It may cause a failure.



Please use the designated connection cable within the maximum calling distance designated for the product.  
· It may reduce the product performance.



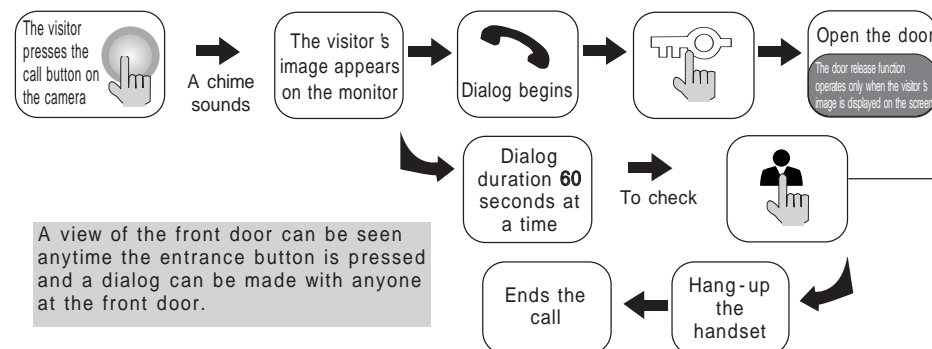
## . Part names and functions



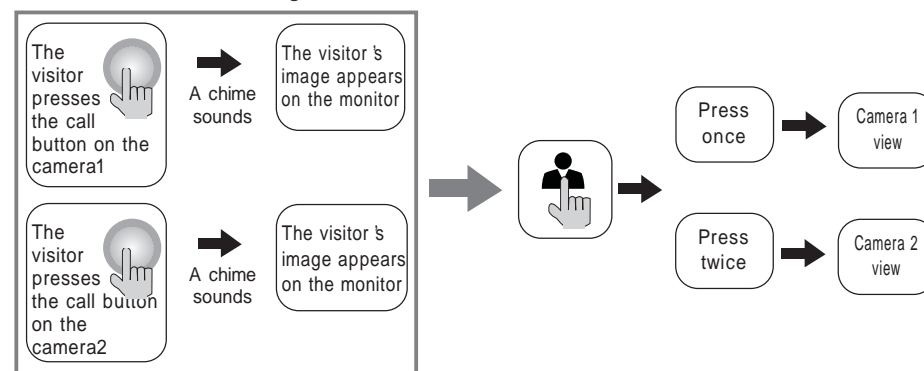
No.	Part name	Description
1	Handset	The phone's handset receiver
2	Screen	3.5"TFT LCD
3	UP Button	Control BRIGHT / CONT / COLOR
4	Door open button	Door strike of Relevant camera is run during the status of door communication
5	Interphone button	Call to interphone with picking up handset
6	Power status	LED Light
7	DOWN Button	Control BRIGHT / CONT / COLOR
8	Entrance button	Press when to want to check the entrance status
9	Volume control switch	Control incoming volume
10	BRIGHT setting button	Press the setting button to control BRIGHT
11	COLOR setting button	Press the setting button to control COLOR
12	CONT setting button	Press the setting button to control CONT
13	RESET button	Button for fixing the default of screen on Color, Brightness
14	Power switch	ON / OFF switch for power supply

## . Operation

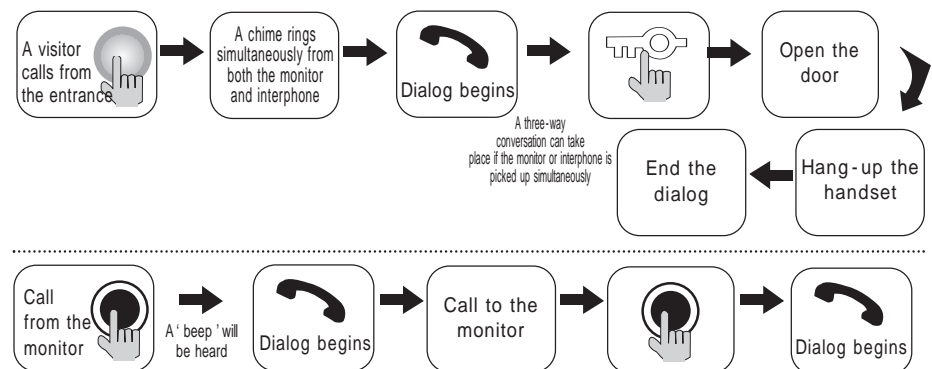
### 1. Calling of visitor



### \* In case of connecting two cameras



### 2. Communication with the optional Interphone



Dialog between the interphone and camera is possible only when the visitor's image is visible on the monitor screen.

### 3. BRIGHT / COLOR / CONT setting

#### 1). BRIGHT setting

Press the entrance button in status of hooking well (LED blinking status)  
 Press the BRIGHT button in the right for 2 seconds in status of the screen on  
 Power LED is blinked as fast (BRIGHT control mode)  
 Control the BRIGHT as the user wants by pressing UP / DOWN button  
 Save the fixed default by pressing BRIGHT button for 2 seconds after setting done  
 Power LED is blinked as normal

#### 2). COLOR setting

Press the entrance button in status of hooking well (LED blinking status)  
 Press the COLOR button in the right for 2 seconds in status of the screen on  
 Power LED is blinked as fast (COLOR control mode)  
 Control the COLOR as the user wants by pressing UP / DOWN button  
 Save the fixed default by pressing COLOR button for 2 seconds after setting done  
 Power LED is blinked as normal

#### 3). CONT setting

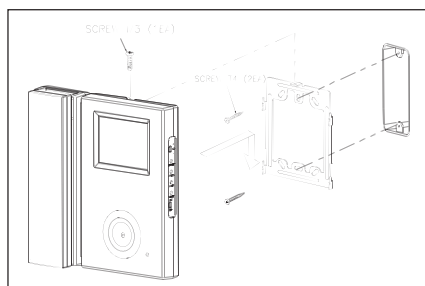
Press the entrance button in status of hooking well (LED blinking status)  
 Press the CONT button in the right for 2 seconds in status of the screen on  
 Power LED is blinked as fast (CONT control mode)  
 Control the CONT as the user wants by pressing UP / DOWN button  
 Save the fixed default by pressing CONT button for 2 seconds after setting done  
 Power LED is blinked as normal

#### 4). RESET (Video Status initialization)

Press the BRIGHT button for 2 seconds in status of the screen on  
 Video status is initialized to the factory delivery status

## . Installation

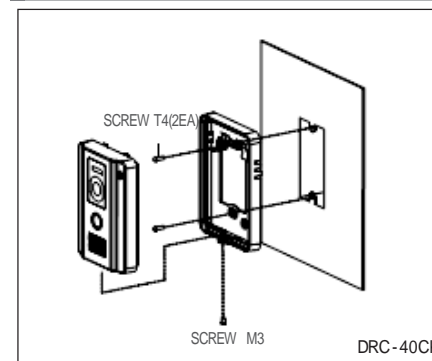
### 1. Installation Method of camera monitor



#### ! Note

Avoid the range of direct sunlight  
 Recommended height is pertinent  
 from 1450 ~ 1500mm  
 Avoid the installation near magnetic  
 activity, humid temperatures and gas

### 2. Installation Method of camera

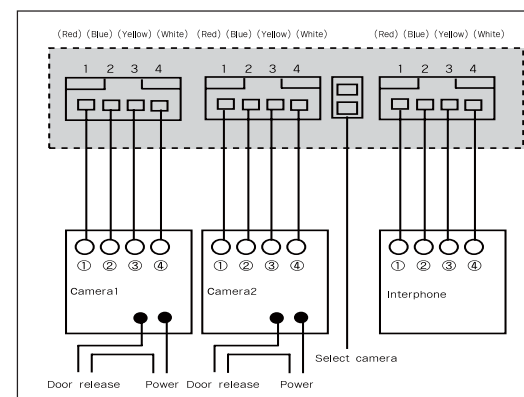


#### ! Note

Do not install the camera where  
 it is exposed to Direct sunlight  
 Keep cleaning up its lens to  
 capture good views.

## . Wiring

### 1. Wires descriptions of camera



Red: Voice  
 Blue: GND  
 Yellow: Power (+12V)  
 White: Video

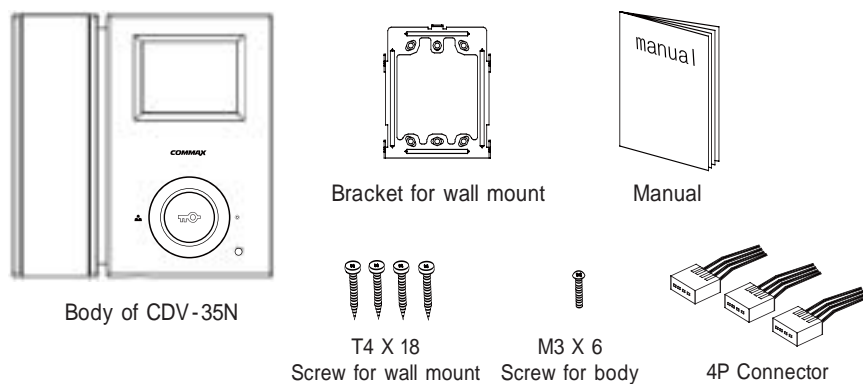
### 2. Wiring precautions

- 1). If high voltage cables are present in the vicinity, use a coaxial cable with metal outer casing.
- 2). If any internal wires are exposed through mis-wiring, it may cause a short and become a cause of malfunction or fire.
- 3). When connecting the monitor and camera, please make sure that the monitor power is off. (turn on the power after plugging the AC power cord into the outlet)
- 4). Attend the wiring as it is a polarity
- 5). make it short for camera 2 connector in case of installing only one camera (the default factory state)
- 6). Delete the optional camera pin of the above camera when to install two cameras

#### ! Note

Image and call quality can be down when the monitor is expanded randomly.

## . Part list



## . Specifications

Model	CDV-35N
Rating Voltage	AC100-240V~, 50/60Hz
Consumption	Operation : Maximum 6.5W
Wiring method	To a Camera unit:4 wires polarity, To an Interphone:4 wires polarity
Monitor	3.5" LCD (8.9cm)
Communication	Full duplex (Handset)
Call tone	Call sound from camera: electronic chime, Interphone : electronic buzzer
Monitor Display	60±10sec
Distance from Camera	28m( $\varnothing$ 0.5) / 50m( $\varnothing$ 0.65) / 70m( $\varnothing$ 0.8)
Working Temperature	0 ~ +40°C (32°F ~ 104°F)
Weight	700kg (Based on Body)
Dimension(mm)	192/7.56"(W)X195/7.68"(H)X48.5/1.90"(D)(Based on Max height of handset)

# COMMAX

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Home Network  
**COMMAX**

*Since 1968*

## User Manual

COLOR VIDEO DOOR PHONE **CDV-35N**



Thank you for purchasing COMMAX products.

Please carefully read this User's Guide (in particular, precautions for safety) before using a product and follow instructions to use a product exactly.

The company is not responsible for any safety accidents caused by abnormal operation of the product.

[www.commax.com](http://www.commax.com)

**COMMAX Co.,Ltd.**