

User Manual

Color video door phone CDV-35A












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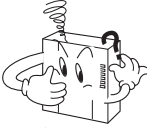
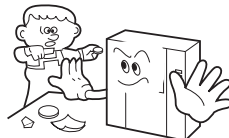

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1. Warnings and caution

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.	<ul style="list-style-type: none">  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.
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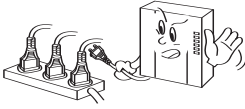
Warning & Caution

Cleaning & Use	<p>Please don't disassemble, repair or rebuild this product arbitrarily (please contact the service center if a repair is needed).</p> <ul style="list-style-type: none"> It may cause an electric shock or fire.   <p style="text-align: center;">No disassembly</p>    <p style="text-align: center;">Electric shock Fire Unplug</p>	<p>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.</p> <ul style="list-style-type: none"> It may cause an electric shock or fire.  <p style="text-align: center;">Electric shock Fire</p>	<p>Please don't insert any metallic or burnable materials into the ventilation hole.</p> <ul style="list-style-type: none"> It may cause an electric shock or fire.  <p style="text-align: center;">Prohibition Electric shock Fire</p>	<p>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.)</p>  <p style="text-align: center;">Prohibition</p>
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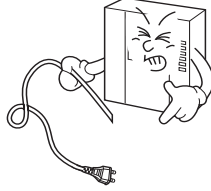
⚠ Warning & Caution

Power & Installation

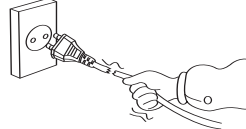
Please don't use several products at the same time on one power socket.
 · It may cause a fire due to an abnormal overheating.



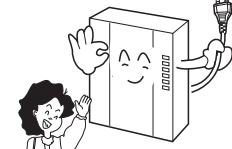
Please don't bend the power cable excessively or it may cause an electric shock.
 · fire when using a damaged power cable.



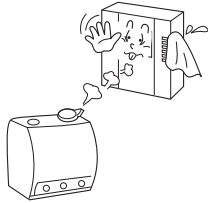
Please don't handle the power cable with a wet hand.
 · It may cause an electric shock.



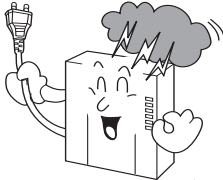
Please plug out the power cable from the socket when not using it for a long period of time.
 · It may shorten the product lifespan or cause a fire.



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.



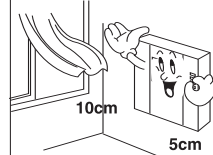
Please don't install the product with the lightning and thunder.
 · It may cause an electric shock or fire.



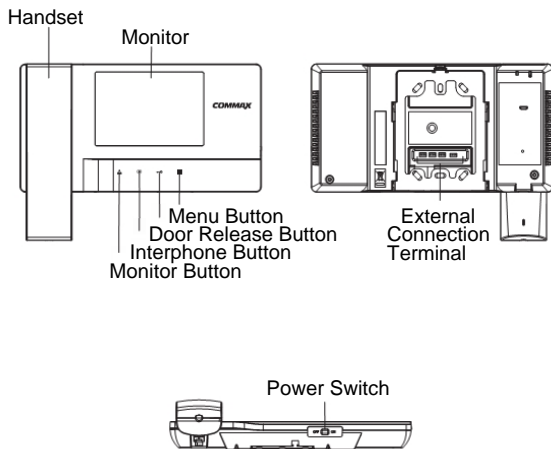
Please don't use and connect this product with other products with different rated voltage.
 · It may cause a disorder or fire.



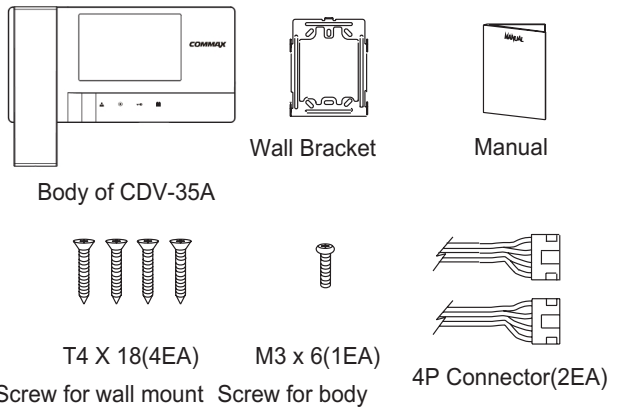
When installing the product that generates heat, please install the product away from the wall (10cm) for the ventilation.
 · It may cause a fire due to the increased internal temperature.



2. Parts Names



3. Contents



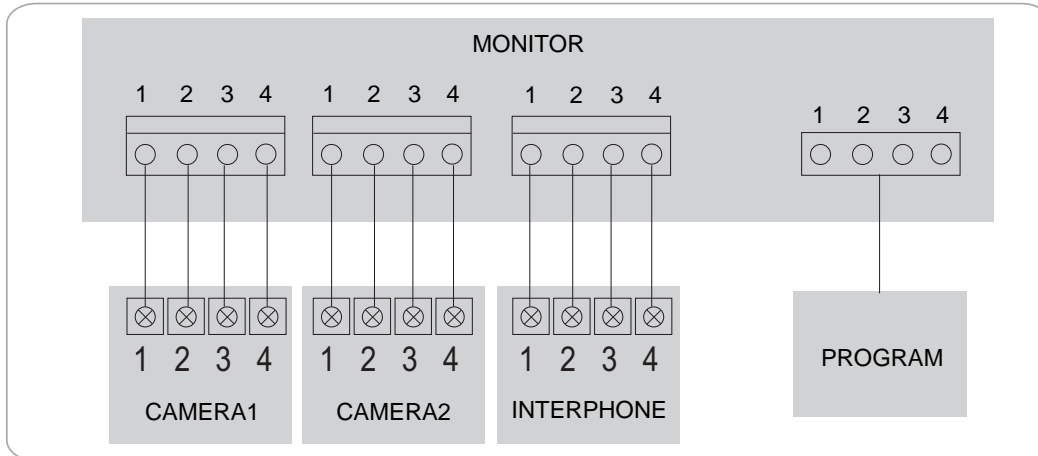
4. Wiring and Connection Instructions

▷ Polarity of the camera connector

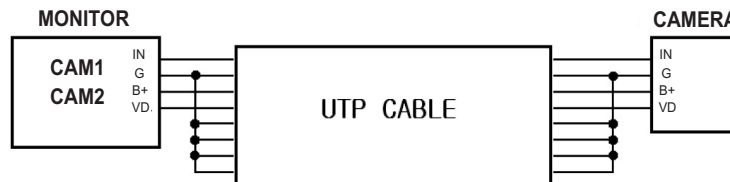
1. Red: Talk (Audio)
2. Blue: GND
3. Yellow: Power (+12V)
4. White: Video

▷ Polarity of interphone connector

1. Red: Talk (Audio)
2. Blue: GND
3. Yellow: Power (+14V)
4. White: Call signal



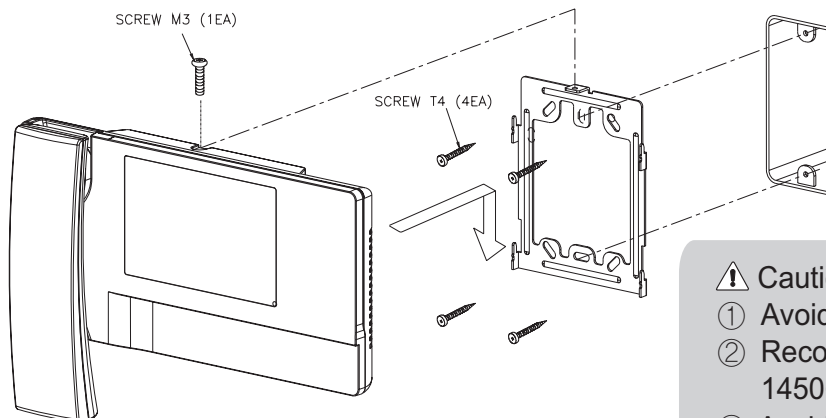
■ DOOR Camera Wiring



- ☞ When adding a second monitor, visual and audio quality of video may deteriorate
- ☞ When using UTP CABLE[CAT.5] for better image quality, connect the rest 4 lines to GND after connecting 4 lines with monitor and camera.

5. Installation

▷ Monitor installation



⚠ Cautions

- ① Avoid the direct sunlight.
- ② Recommended height is around 1450~1500mm
- ③ Avoid the installation near magnetic activity, humid temperature and gas.

6. Operation

※ **Caution** : Do not hold the handset at your ear when you press hook switch to switch call.



Call from the visitor

- ① When the visitor calls from the entrance(door camera), the calling sound rings and the image of the visitor is shown on LCD screen.
- ② By picking up the handset, you can talk with door camera. By pressing the door release button, door will be released. (Door release works only while talking. Please note that this function is possible only when the door camera is interlocked with door release function.)
- ③ 3-way communication is possible when another user picks up the handset of extended interphone , when you are talking with door camera on video door phone.
(Entrance-Household -Interphone simultaneous communication mode)
- ④ By putting down the handset, talking is finished and video door phone turns to stand-by mode.
(You can install additional camera. In case of receiving call from camera 1, blue LED blinks. In case of receiving call from camera 2, purple LED blinks.)



Interphone

■ Talk with door camera

- ① When the visitor calls from the door camera, calling sound rings on interphone and video door phone.
- ② By picking up the handset of interphone, you can talk with door camera. By pressing the door release button, door will be released.
- ③ 3-way communication is possible when another user picks up the handset of video door phone, when you are talking with door camera on interphone.

■ Talk between interphone and video door phone(household).

- (1) In case of calling video door phone from interphone
 - ① In order to call the household from interphone, pick up the interphone handset and press call button. Then, video phone will be ringing.
 - ② You can talk with interphone by picking up handset of the household.
 - ③ 3-way communication is possible between household, interphone and door camera when visitor calls from door camera, while household is talking with interphone. Image from door camera is displayed on LCD of household with calling sound and 3-way communication gets available.
- (2) In case of calling interphone from household
 - ① After picking up the handset of household, press the interphone button to call the interphone.
(Interphone is called only while the interphone button on household is being pressed.)



Monitoring : Function to see the image of door camera.

■ Operation on the Stand-by status

Monitoring works as following sequence by pressing the monitor button.

Camera1 → (Camera2) → OFF Camera1

■ Operation while talking

Monitoring works as following sequence by pressing the monitor button.

Camera1 → (Camera2) → Camera1 → (Camera2)



Calling sound adjustment (3 steps)

- ① Calling sound volume on interphone is interlocked with the calling sound on the household.
- ② Enter the calling sound adjust mode by pressing the menu button once in the stand-by mode. (Press menu button more than 1 second to enter volume setting.) (LED lamp will be changed to red from blue.)

⚠ Caution

Product rings automatically when you press the relevant button(UP button / DOWN button) to set calling sound volume. So, please put down the handset when you need to adjust calling sound volume.

- ③ Press the UP(Door release) / DOWN(Interphone) button in front of the product in order to adjust the volume of calling sound.
- ④ After completing the adjustment, save the revised setting value by pressing the menu button again and enter stand-by mode. (LED lamp will be changed to blue from red.)



Image set (BRIGHT / CONT / COLOR adjustment)

- ① The image setting mode will be sequentially operated when user press the menu button as follows.(In the state of the image on)
- ② BRIGHT → CONTRAST → COLOR → EXIT
- ③ Image setting is possible only when the screen is on.

■ BRIGHT : Brightness adjustment

- ① Press the menu button once when the image is on. (LED lamp will be changed from blue to red.)
Red LED blinks fastly. [●○●○●○●○]
- ② You are in brightness adjustment mode.
- ③ Press the UP(Door release) / DOWN(Interphone) button in front of the product in order to adjust the brightness.
- ④ After completing the set, save the revised setting value by pressing the menu button. (LED lamp will be changed from red to blue.)

■ **CONTRAST** : Contrast adjustment

- ① Press the menu button twice when the image is on.
(LED lamp will be changed from blue to red.)
Red LED blinks slowly. [●●○○●●○○●●○○●●○○]
- ② You are in CONTRAST adjustment mode.
- ③ Press the UP(Door release) / DOWN(Interphone) button in front of the product in order to adjust the CONTRAST.
- ④ After completing the set, save the revised setting value by pressing the menu button. (LED lamp will be changed from red to blue.)

■ **COLOR** : Color adjustment

- ① Press the menu button in the state of the image on.
(LED lamp will be changed from blue to red.)
Red LED blinks very slowly.
[●●●○○○●●●○○○●●●○○○●●●○○○]
- ② You are in COLOR adjustment mode.
- ③ Press the UP(Door release button) / DOWN(Interphone button) button in front of the product in order to adjust the condition of the COLOR.
- ④ After completing the set, save the revised setting value by pressing the menu button. (LED lamp will be changed from red to blue.)



RESET (Initialization)

- Press the interphone button and door release button at the same time for about 3 seconds.
(Image setting value and calling sound volume will be initialized.)

⚠ Caution

Please note that all screen adjustment and all information are initialized by resetting.

7. Specifications

Rated Voltage	100-240V~, 50/60Hz (Free Voltage)
Power Consumption	Operating : 10W (Max)
Wiring	4 wires with door camera (Polarity), 4 wires with an Interphone (Polarity)
Screen Size	8.89cm (3.5") TFT-Digital LCD
Communication	Simultaneous communication
Call Sound	From a door camera : Electric chime From a interphone : Electronic buzzer
Time to display the screen	60 ± 10sec (During conversation) 60 ± 10sec (During Monitoring)
Distance from camera	28m(Φ0.5) / 50m(Φ0.65) / 70m(Φ0.8)
Operating Temperature	0 ~ +40°C (32° F ~ 104° F)
Dimension	249(W) X 158.5(H) X 47.6(D) Based on Max height of handset

COMMAX