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**COMMAX**  
SmartHome & Security

**COMMAX**

# User Manual

VIDEO DOOR PHONE CDV-73BE



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**COMMAX Co.,Ltd.**



- 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.



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# Warnings and caution

◎ Make sure to follow the instructions to prevent any danger or property losses.



**Warning** Death or serious injury is expected.



It indicates prohibition.



It indicates prohibition of disassembly.



It indicates prohibition of contact.



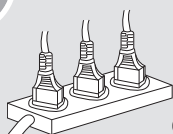
It indicates dos and don'ts.



It indicates that the plug should be pulled out from the socket.

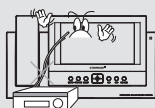


**Warning**



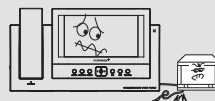
**Do not put the plug in the socket simultaneously.**

It may generate abnormal heat or cause a fire.



**Do not connect to other products while in use.**

It may cause breakdown.



**Do not forcibly bend the cord or put a heavy object on the product.**

It may cause a fire.



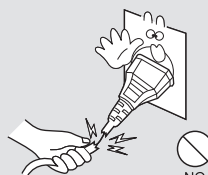
**Do not use water, thinner or a detergent used to wash oil products when you wash the exterior.**

Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.



**Do not install the product in a humid place.**

It may cause an electric shock or a fire.



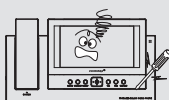
**Do not forcibly pull out the cord from the socket.**

If the cord is damaged, it may cause a fire or an electric shock.



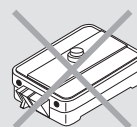
**Do not put the plug in the socket with a wet hand.**

It may cause an electric shock.



**Do not disassemble, repair or modify the product.**

It may cause a fire, an electric shock or an injury due to malfunction of the product.



**Do not use AC circuit breaker.**

It may cause an electric shock.



# Warnings and caution



**Caution** An injury or property losses are expected



It indicates prohibition.



It indicates prohibition of disassembly.



It indicates prohibition of contact.



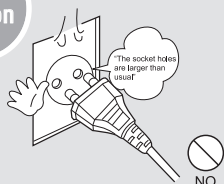
It indicates dos and don'ts.



It indicates that the plug should be pulled out from the socket.



**Caution**



**If the socket holes are larger than normal, do not put the plug.**

It may cause an electric shock or a fire.



**Make sure that dust or foreign substances are not gathered on the product.**



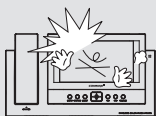
**Make sure to prevent foreign substances from entering the product.**

It may cause a breakdown.

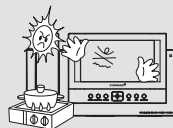


**Do not put a heavy object on the product.**

It may cause a breakdown.



**Do not disassemble or give an impact to the product.**



**Avoid direct rays of the sun or heating devices at a time of installation.**

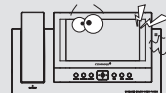


**Install the product in a flat and stable place.**

Otherwise, it may not function properly.



**Pull the plug if the product is not used for a long time.**



**If the product generates strange sound, make sure to pull the plug immediately and contact Commax service center.**



# 1. Product overview



No.	Name	Details
1	Handset	Handset
2	On/Off & Display LED	Indicates On/Off & Display status
3	N/A	No available
4	Volume control button	Control the call volume
5	Monitoring button(MONITOR)	View image from door camera and can talk
6	Interphone button(INTERPHONE)	Intercommunication between the rooms
7	Door release button	Open the door during talk
8	Direction button (UP/DOWN/LEFT/RIGHT)	Up, Down, Left, Right ,Down direction key
9	Power switch	Control the power supply of product
10	ENTER button	Execution button
11	COLOR	Adjust COLOR
12	CONTRAST	Adjust CONTRAST
13	BRIGHT	Adjust BRIGHTNESS



## 2. Product characters & key features

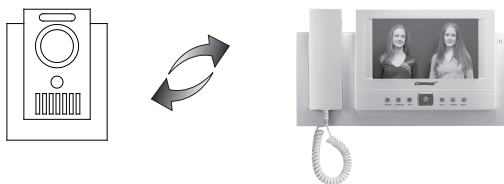
- 7" Wide Digital TFT-LCD
- Surface mounted type installation
- Free voltage power
- Call and talk with 2 door cameras
- Call and talk with interphone
- Door release function



## 3. Operation

☞ When Power switch ON after done installation, you can use it with LCD screen On.

### 1. Visitor call & monitoring



- If press call button on door camera, the visitors image will be shown on household monitor with chime bell.
  - ※ Display ON duration : 1min.
- With pick up the handset, you can talk through handset. If you want to finish the talk, put down the handset.
  - ※ Talkable duration : 1min.
- If users want to see the entrance on standby status, press MONITOR button to see the image from door camera. In case CAM2 is installed, if you press MONITOR button one more time, the image from CAM2 will be shown. If press MONITOR button once more, the screen will be off.
- During talk with camera or monitoring, if users press OPEN button, the door will be opened.
- During talk with visitors by handset, if users want to finish the talk, just put down the handset.

## 2. Interphone function

- ☞ With pick up the handset, if press INTERPHONE button, the connected interphone will be called. If not press interphone button, there will be no more ringing tone chimed, so you must press continually. On this stage, if pick up the handset of other party's interphone, users can talk each other.
- During talk with interphone, if there is call from entrance, door camera, interphone and video phone can talk among.


## 3. Call volume control


- ☞ If visitors press call button, there is occurred Sol, Mi, Do sound and users can control the call volume by adjusting "call" part placed bottom part of product.




## 4. Display adjustment

[CONTROL MENU]

Contrast 

Brightness 

Color 

Reset

Screen-Mode **FULL**

Save & Exit

- When users want to adjust COLOR /CONTRAST /BRIGHT, first turn on LCD screen with pressing Monitor button. And then, press the button which users want to adjust, then the above Menu mode will be shown as above. With pressing left, right button, users can decide the best status and if pick up and put down the handset or exit the current mode with pressing Save & Exit button by pushing Enter key on center, the final status will be saved.
- The users can change the Screen mode to 4:3 from the full (It is not applied from reset)
  - ※ If users want to return to default setting value of display status, please move to RESET mode and then press ENTER button and then it will be returned to default setting value.
- Once done all display adjustments, move to Exit menu and then press ENT button.
  - ※ Display adjustment mode will be stayed for 60sec. if there is no operation on display adjustment mode.



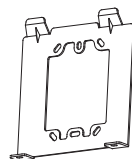
## 5. Name of parts



Video phone & Handset wired



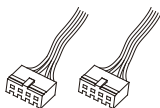
User manual



Wall Mount Bracket



SCREW T4X18(2EA)  
Fixing Screw



Connector 4P (2EA)

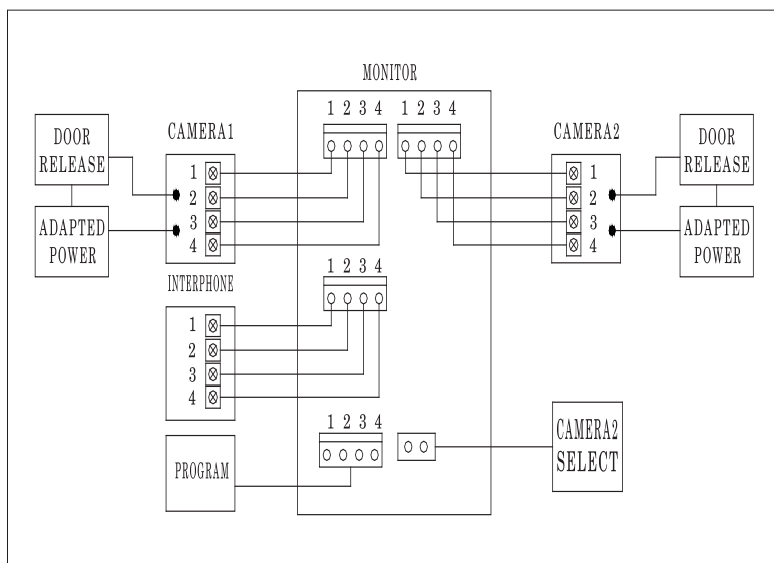


2P SHUNT

(Only No. 1 camera is available  
if you insert 2P shunt(short pin))



## 6. Wiring Diagram



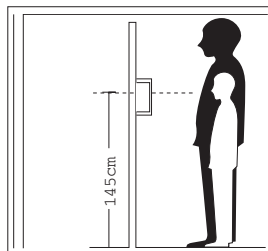
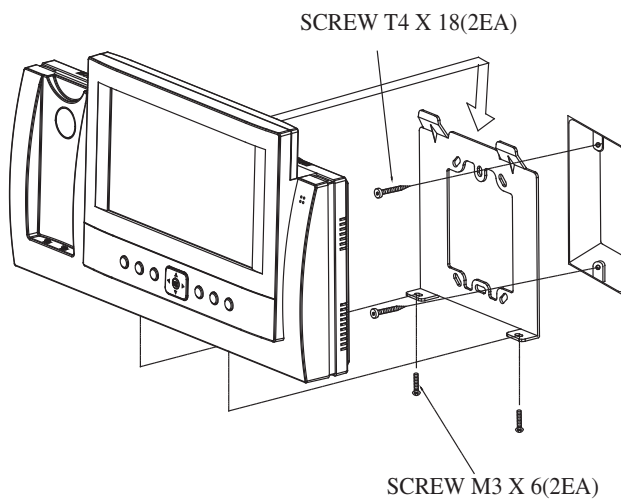
- When CAMERA 2 port is used with connecting 2nd camera, the jump-cap is no needed, but it is covered in factory release status.





## 7. Installation method

### ► Installation method of monitor



#### ※ Caution during installation

- Avoid installation on place with magnetism, lots of moisture, directed light, and also closed location from heating apparatus due to harmful effect.
- Its standard height from floor is 1450~1500mm to be installed.
- Hang the handset on the video phone after done installation.



## 8. Trouble shooting

If you think that the product has trouble, please first check below contents before you ask a repair.

Troubles	Check Point	Actions
<ul style="list-style-type: none"><li>• The power supply is not on.</li><li>• All works are stopped</li></ul>	<ol style="list-style-type: none"><li>1.The power supply code is missing or not.</li><li>2.The power supply switch (down) is off or not.</li></ol>	<ol style="list-style-type: none"><li>1. Please connect the power supply cord</li><li>2. Please turn on the power supply switch (down) pushing to the right.</li></ol>
<ul style="list-style-type: none"><li>• A Call operation is not performed. (Door, function)</li></ul>	<ol style="list-style-type: none"><li>1.The wiring between other units is connected correctly in good order or not.</li><li>2. The wiring is missing or not.</li><li>3. A Room id is set or not.</li></ol>	<ol style="list-style-type: none"><li>1. Please refer to connection related page and manage.</li><li>2. Please connect correctly to the terminal.</li><li>3. Please refer to Room id setting related page.</li></ol>
<ul style="list-style-type: none"><li>•The product does not produce the sound. (Call volume, Talk volume)</li></ul>	<ol style="list-style-type: none"><li>1. A sound volume lies in minimum or not.</li></ol>	<ol style="list-style-type: none"><li>1. Please adjust the sound volume properly turning to the right, as you want.</li></ol>
<ul style="list-style-type: none"><li>•The screen is dark.</li><li>•The screen is strange.</li></ul>	<ol style="list-style-type: none"><li>1. There is a strong reflected light behind the visitor or not.</li><li>2. The screen control is adjusted correctly.</li></ol>	<ol style="list-style-type: none"><li>1. Please change the angle of camera lens.</li><li>2. Please initialize the screen control. (Refer to setting related page)</li></ol>
<ul style="list-style-type: none"><li>•We can see the visitor image but no voice.</li></ul>	<ol style="list-style-type: none"><li>1. The connector on the handset is properly inserted to the product?</li></ol>	<ol style="list-style-type: none"><li>1.Please put the connector properly again.</li></ol>
<ul style="list-style-type: none"><li>•No stored image found</li></ul>	<ol style="list-style-type: none"><li>1. Auto recording is assigned?</li></ol>	<ol style="list-style-type: none"><li>1.Please set the status of “AUTO RECORD” as “YES”</li></ol>



## 9. Specification

ITEM	Details			
Wiring	CAMERA 4wires(polarized), INTERPHONE 4wires			
Power source	100-240V~, 50/60Hz			
Communication way	Simultaneous Conversation way (Hand-set)			
Display	7 TFT-LCD Digital			
Call sound	Entrance(individual entrance): electronic chime 2 times, Interphone: electronic sound			
Power consumption	Stand-by : 4.5 W(Max.)			
	On operation : 12 W(Max.)			
Distance	Wire Pie 0.5mm	0.65mm	0.8mm	
	28m	50m	70m	
Video duration time	Stand-by/On the line	60sec/60sec		
Dimension	315(W)x175(H)x53(D)			
Weight	1.15kg			