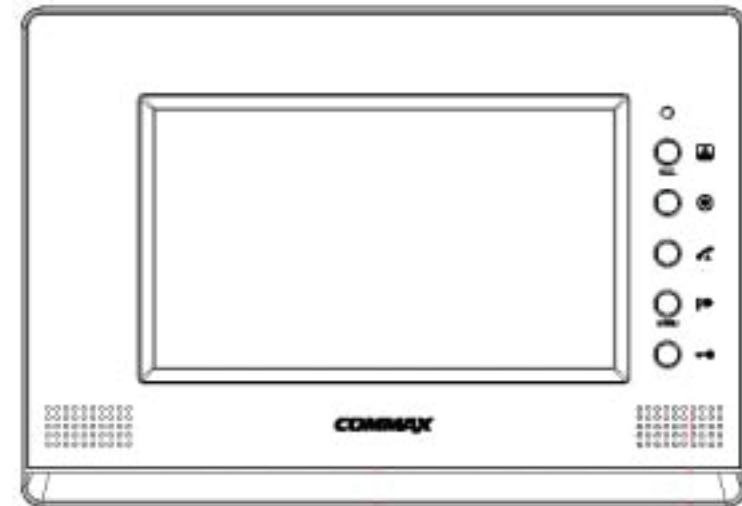


COLOR VIDEO DOOR PHONE

Model No. CDV-70A / CDV-70AM

COMMAX
Blooming Life, HomeNetwork



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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.

Table of Contents

1. Product Overview	4
2. Operation Methods	5
3. Save visitor's image & setup	7
4. Installation and wiring	10
5. Components	11
6. Specification	11

Note : The function of "Save visitor" image & setup"(page 7) is available for CDV- 70AM only.
CDV-70A doesn't feature to save visitor's image.

Warnings and caution

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

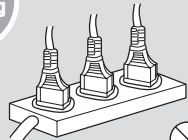


Warning Death or serious injury is expected.

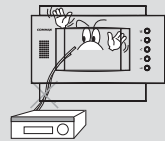
- It indicates prohibition.
- It indicates prohibition of disassembly.
- It indicates prohibition of contact.
- It indicates dos and don'ts.
- It indicates that the plug should be pulled out from the socket.



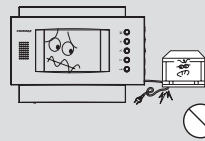
Warning



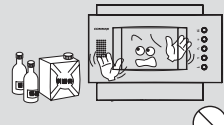
Do not put the plug in the socket simultaneously.
It may generate abnormal heat or cause a fire.



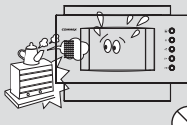
Do not connect to other products while in use.
It may cause breakdown.



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.



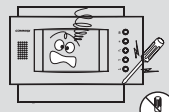
Do not install the product in a humid place.
It may cause an electric shock or a fire.



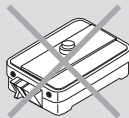
Do not forcibly pull out the cord from the socket.
If the cord is damaged, it may cause a fire or an electric shock.



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

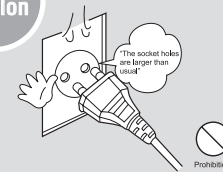


Caution An injury or property losses are expected

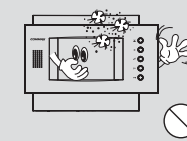
- It indicates prohibition.
- It indicates prohibition of disassembly.
- It indicates prohibition of contact.
- It indicates dos and don'ts.
- It indicates that the plug should be pulled out from the socket.



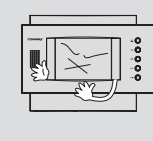
Caution



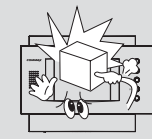
If the socket holes are larger than normal, do not put the plug.
It may cause an electric shock or a fire.



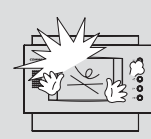
Make sure that dust or foreign substances are not gathered on the product.



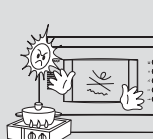
Make sure to prevent foreign substances from entering the product.
It may cause a breakdown.



Do not put a heavy object on the product.
It may cause a breakdown.



Do not disassemble or give an impact to the product.



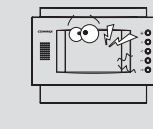
Avoid direct rays of the sun or heating devices at a time of installation.



Install the product in a flat and stable place.
Otherwise, it may not function properly.

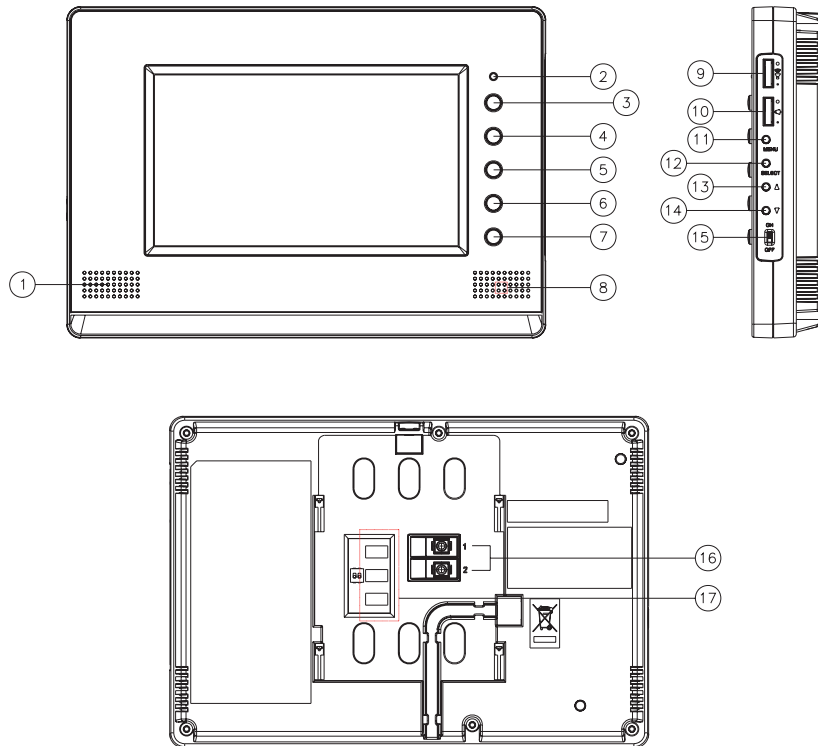


Pull the plug if the product is not used for a long time.



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

1. Product overview






No.	Description	No.	Description	No.	Description
1	Speaker	7	Door Release button	13	Screen resolution Button
2	On/Off & display LED	8	MIC	14	Screen resolution Button
3	Monitoring button(Record images)	9	Volume control button	15	On/Off switch
4	Interphone button	10	Callingsoundlevel control button	16	Connector for door release
5	Talk button	11	Screen resolution Button	17	-Terminal for connecting camera and interphone
6	Priority button(PTT) or Menu for Recording	12	Screen resolution Button		-DIP switch for camera setting

- * Volume control button: It is to adjust talking volume from counter side.
- * Calling sound level control button: It is to adjust calling sound
- * Screen resolution Button: It is to adjust image resolution.
- * DIP switch for camera setting: It is to set up the availability of door camera.
Please place it "up" position while door camera is in use.
Note : camera 1, 2 is set to use from manufacturer as default.



2. Operation Methods

How to operate

● Receiving a calling from visitor


1. When the call button is pressed by a visitor on the door camera, the melody shall be rung and visitors' image is shown on the screen.
2. Press "talk" button () to talk with a visitor.
(Maximum 60 seconds is available to talk on the phone.)
3. Press "talk" button () again to close and return standby mode after finish the talk.
4. Press "door release" button () to open the door while on the conversation.


● Communication with a interphone

1. Press "Interphone" button () to make a conversation with the interphone connected with monitor.(DP-4VH or DP-4VR)
(It is available to talk on the phone for Maximum 60 seconds)
2. When receiving a call from an interphone, electrical sound shall be rung.
Press "talk" button () to start to talk.
3. When you receive a call from camera while taking with interphone, Visitor's image should be showed on the monitor.
It shall be possible to talk between each unit, monitor, interphone and camera.

Note : When you finish talking with visitor or interphone, press "talk" button again to close the talk mode.

● Monitoring.

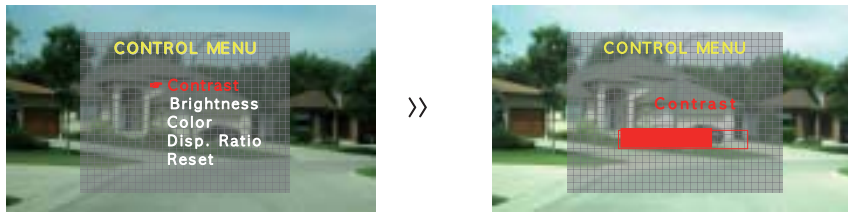
1. When you press monitor button (), outside image is showed for 30 seconds.
2. It can be connected up to 2 cameras and shows you the outside image from camera1 or camera2 in order by pressing " monitoring" button.

- Priority talk - PTT () When there is impeding noise that disturbs conversation from the door camera, pressing and holding the “PTT” button will deliver only the voice of the speaker from the CDV-70A,70AM to the door camera unit to help clarify speech.

- Adjustment of image resolution

To adjust brightness or color resolution, use the buttons on the right side.

- ① Press “MENU” button to enter “control menu ” in taking with a door camera unit or monitoring status and then push the “SELECT” button.
- ② Scroll the proper menu you want to change by using “UP/DOWN” button. And then push “select” button to enter into “changing mode”.
- ③ Press “UP/DOWN” button to change into proper level

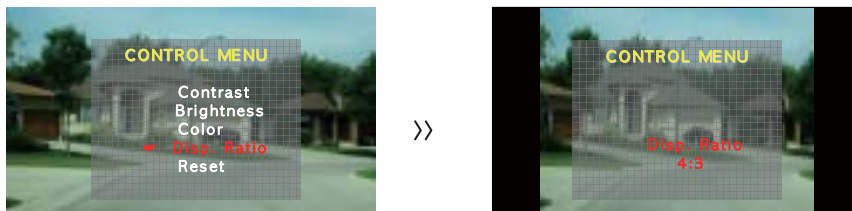


(Basic Menu)

- ④ Press “SELECT” button to save the new one and it return “basic menu” automatically. Adjust each menu as per same way.

- To adjust the ratio of monitor image size, select the “Disp. Ratio” menu and press “SELECT” button.

Press the “UP/DOWN” button to change the ratio of monitor image size.



“menu” button shall be pressed to return standby mode from “basic menu” after setting proper level .

- Note :** “MENU” Button – Enter or Close adjustment mode
 “SELECT” button – Select sub - menu or move previous menu
 “UP/DOWN” button – Scroll the menu or change the value

3. Recording visitors’ image and setup.

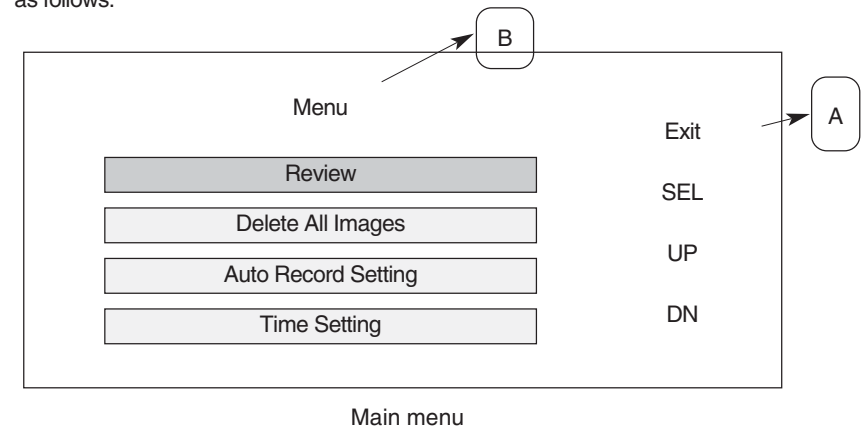
NOTE : Following function of “Recording visitors’ image & setup” is available for CDV- 70AM only. For CDV-70A, it is not available one.

3-1. Recording visitors’ image

Press and hold the “monitoring” button (REC) for 1 second under “talk” or “monitor” mode to save a cut of image with electric sound.

3-2 . Review recorded images and its setup

Press and hold the “PTT” button for 2 seconds under stand-by mode, the menu is shown as follows.



This above picture is main menu, it shall be able to set up each subject.

Description of the above pictures.

A parts : Operation button

B Part : Sub Menu

Note : EXIT – Escape UP/DN – Up & down SEL – Select

3-2-1 Review recorded images and its setting.

Press “review” button to see recorded images .

Operation button is same as right side as following picture.



Review

In case of that there is no image recorded, "No Image" appears on the screen.

Area "A" on above-picture, there are operation button.

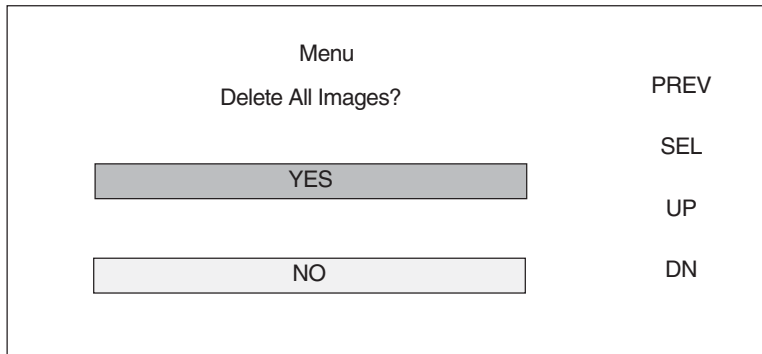
Press "Del" button to remove the image displayed.

Note : PREV – Previous menu UP/DN - Move the cursor up and down DEL - Remove the image.

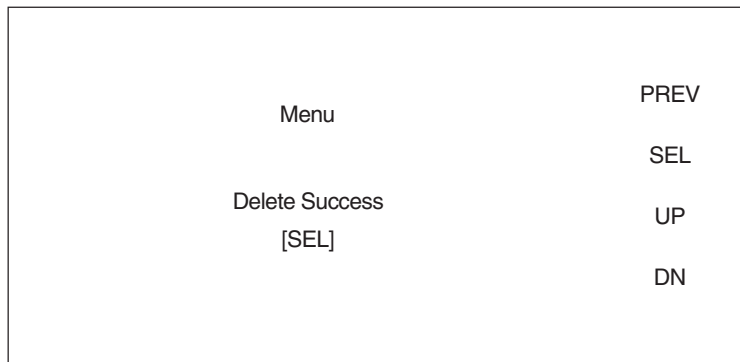
*** When you press and hold "UP or DOWN" button for 1 second, move 10 cuts.**

3-2-2 Delete All Image

Select "Delete all images" menu, to remove all recorded images at one time.



When you select "Yes", following message is shown.

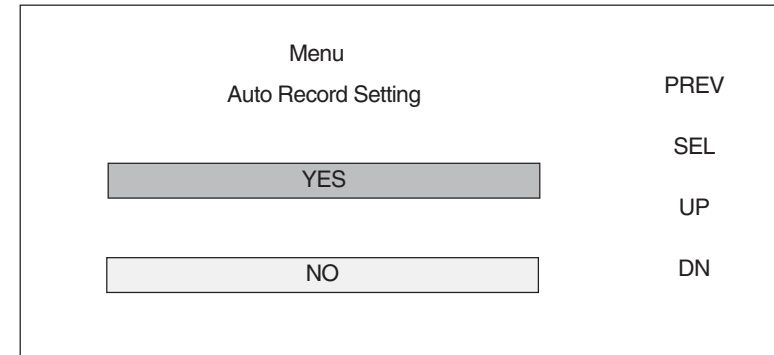


Delete Image

Then, press "SEL/PREV" button on the right to move previous menu.

3-2-3 Auto Record Setting

Select "Auto Record Setting" menu to automatically save visitors' images while you are away.



Auto record setting

Note : It shall be set as a "Auto Record" mode from manufacturer.

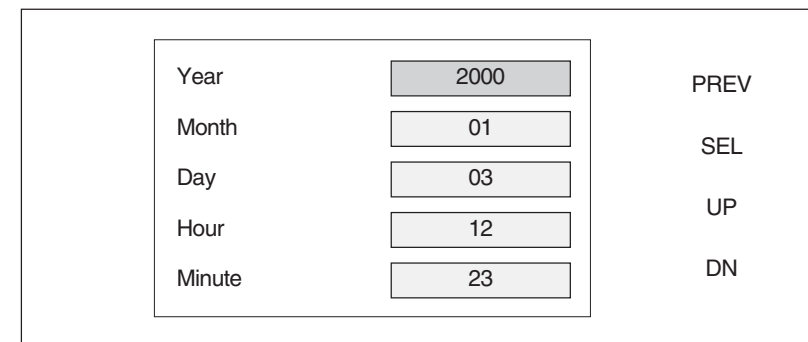
When the visitors call, every visitor automatically is recorded 1 by 1.

Maximum 128 cuts can be saved.

In case 129th cuts is recorded after 128th cuts, it should be replaced from existing 1st cuts (1/128) again.

3-2-4 Time Setting

Select "Time setting" menu to set the time and date.

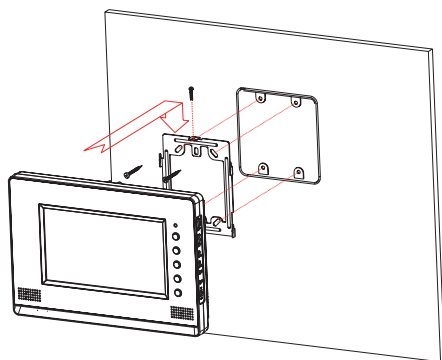


Time Setting

- 1) When you enter "time setting" mode, year ("2000") shall be flickered.
- 2) Press "SEL" button to active and it turn in red and change current year by using "UP/DN" button.
- 3) When you press "SEL" button again, updated data shall be saved and turn inactive mode in black. Then, move to next menu using UP/DN button.

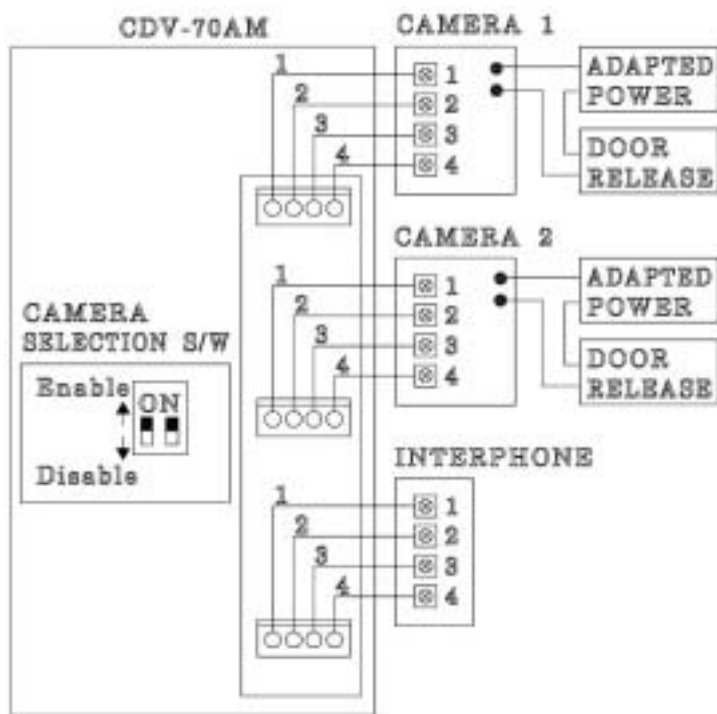
4. Installation & wiring method.

1) Installation diagram

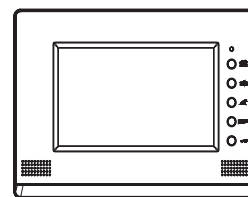


- Terminal wiring in rear

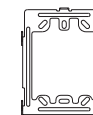
2) Wiring diagram



5. Components



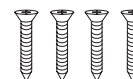
Monitor



Wall bracket



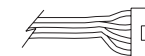
Manual



T4 X 18
Wall bracket
Mounting Screw



M3 X 6
Monitor
Fixing Screw



Connector
(4P X 3 7)

6. Specification

Spec.	Model	CDV-70A/70AM
Wiring		CAMERA : 4 wires, INTERPHONE : 4 wires
Power source		AC 100-240V 50/60Hz (FREE VOLTAGE)
Power consumption		MAX: 15W, Stand-by:4W
Image recording (CDV-70AM)		MAX 128 Cuts
Communication way		HANDS FREE type (Voice Switch)
Display		7" COLOR TFT-LCD
Call sound		COMMAX chime : 2 times Interphone : Electric chime
Video duration time		Stand-by :30 seconds, On the line : 60 seconds
Distance		Entrance: 50m (∅ 0.65) Interphone: 20m (∅ 0.65)

 Memo