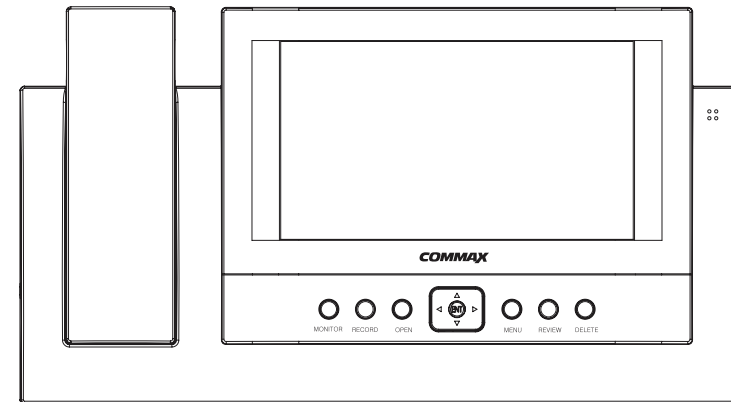


COLOR VIDEO DOOR PHONE

Model No. CDV-72BE

COMMAX
Blooming Life, HomeNetwork



COMMAX Co.,Ltd.

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COMMAX Co.,Ltd.

- Thank you for purchasing our COMMAX product.
- Please carefully read this User's Guide (in particular, precautions for safety) before using the product and follow the instructions to use your product exactly.
- The company is not responsible for any safety accidents caused in 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.

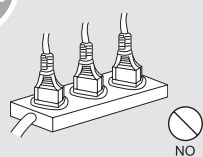


Warning Death or serious injury is expected.

- 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.



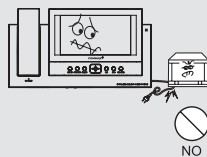
Warning



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.



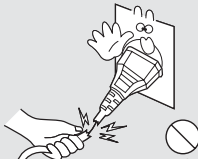
Do not forcibly bend the cord or put a heavy object on the product.
It may cause a fire.



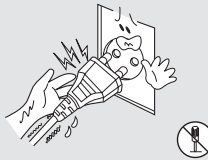
Do not use water, thinner or a detergent used to wash oil products when you wash the exterior.
Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.



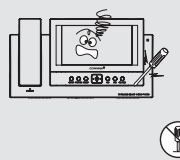
Do not install the product in a humid place.
It may cause an electric shock or a fire.



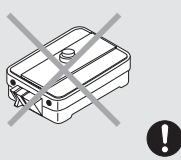
Do not forcibly pull out the cord from the socket.
If the cord is damaged, it may cause a fire or an electric shock.



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

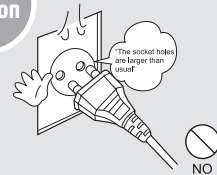


Caution An injury or property losses are expected

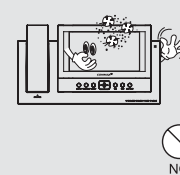
- It indicates prohibition.
- It indicates prohibition of disassembly.
- It indicates prohibition of contact.
- It indicates dos and don'ts.
- It indicates that the plug should be pulled out from the socket.



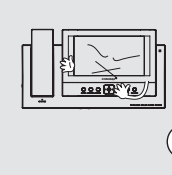
Caution



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.



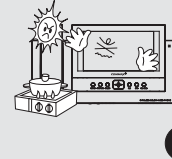
Make sure to prevent foreign substances from entering the product.
It may cause a breakdown.



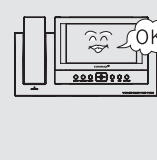
Do not put a heavy object on the product.
It may cause a breakdown.



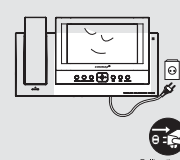
Do not disassemble or give an impact to the product.



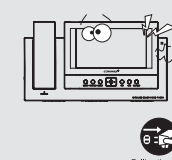
Avoid direct rays of the sun or heating devices at a time of installation.



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

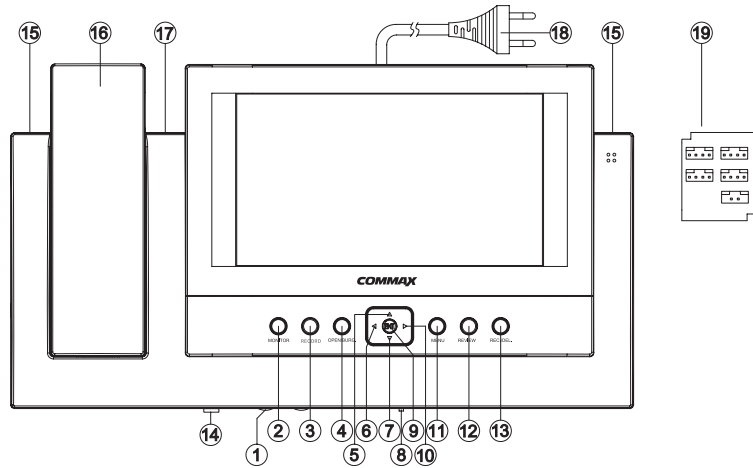


Pull the plug if the product is not used for a long time.



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

1. Parts Name and Functions



No.	Name	Details
1	Volume control	Control the call volume
2	"Monitoring" button	View screen by door camera or talk
3	Record button	Record images manually
4	"Door Release" button	Operate on Door release of door camera,
5	"Up" button	Up direction key
6	"Left" button	Left direction key
7	"Down" button	Down direction button
8	"Power" switch	Control the power supply of product
9	"Enter" button	Execution button
10	"Right" button	Right direction key
11	Menu button	Camera set, Dect Register set, Time set, Auto record set, image delete

2. Features and main Function

1) Features

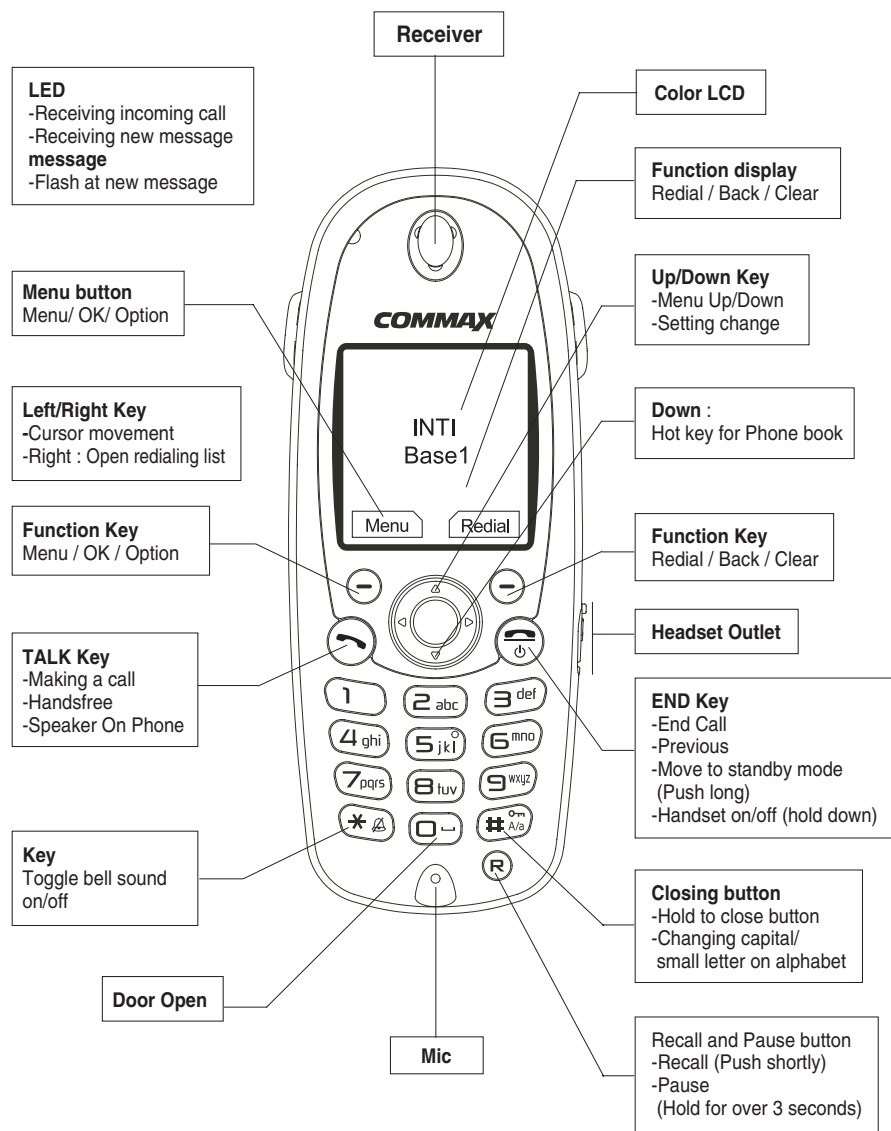
- 7" Wide TFT-LCD
- Surface mount type
- Free voltage power source
- OSD (On screen Display)

2) Main function

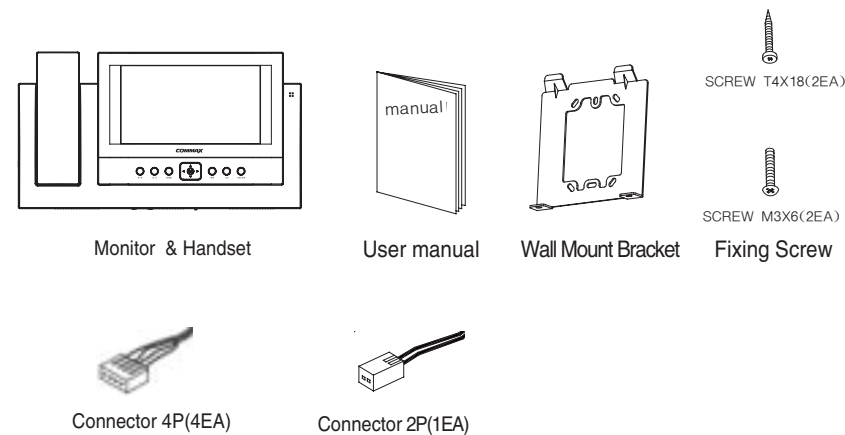
- Door Answering & Monitoring
- Image Max of recording 128 cuts : Auto & Manual record
- Door Open function
- CCTV Camera connectable
- 4 Door camera units (Inter-mixture with door cameras or CCTV cameras)

No.	Name	Details
12	Review button	Review the stored pictures in memory
13	Delete button	Delete a recorded image
14	Speaker	Audio speaker
15	Mood lamp	Creates pleasant light display at night
16	Handset	Handset
17	Auto recording status Lamp	Status of auto recording mode
18	Power source code	Supply power source of product (AC100V-240V/ 50Hz, 60Hz)
19	Terminals	Connecting door cameras and pstn

3. CDT-180 Parts Name & Functions



4. Package Contents



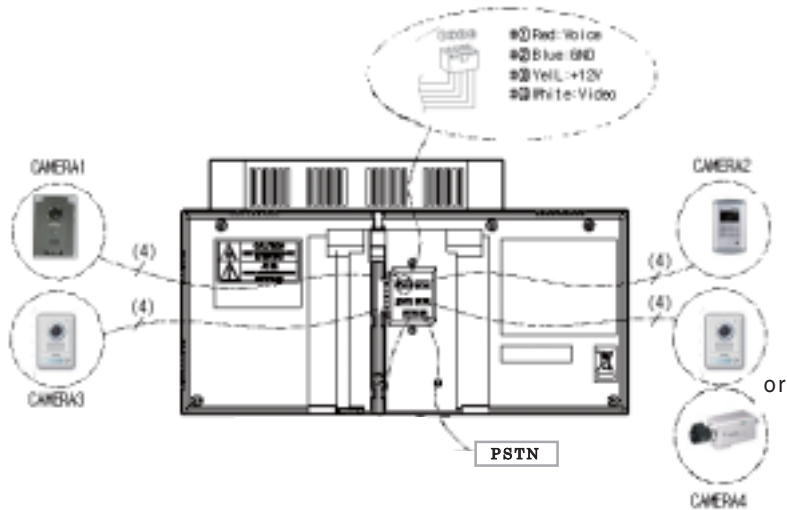
5. System Layout



- Connectable Units
 - ① Door Camera: 4 units (Max) -> inter-mixture with a CCTV Camera or a door Camera with CCTV Camera
- Wiring
 - ① Camera : 30M(at \varnothing 0.5mm)/ 50M (at \varnothing 0.65mm)/ 70M(at \varnothing 0.8mm)
 - ② CCTV camera : Coaxial Cable

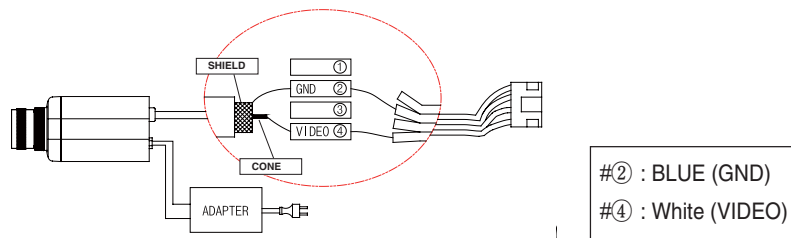
6. Wiring Diagram

- Please carefully connect wiring terminal on polarity



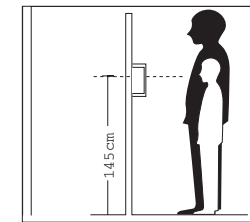
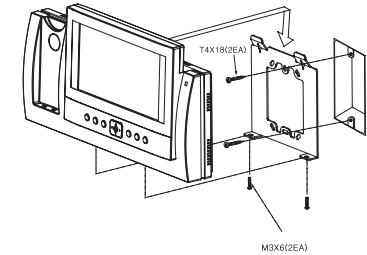
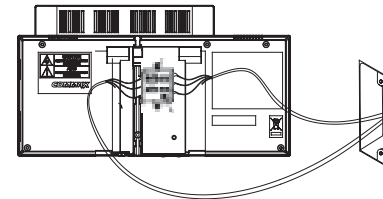
- Wiring diagram for CCTV Camera
- Please connect CCTV camera to one of the 4 channels
- CCTV CAMERA is needed a power source itself.
- Please select the type of Coaxial Cable depending on installation distance from the Mater unit to the CCTV Camera.

CCTV WIRING



7. Installation method

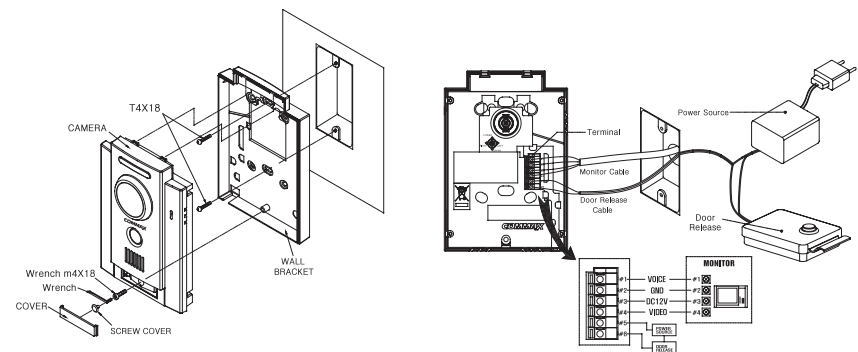
Installation method of monitor



- Notes for installing

- Please keep the product away from magnetism, severe moisture, direct sun rays and nearby heater, which may influence on the product.
- Suitable height for main unit is 1450 ~ 1500mm from the bottom to the screen.
- Please arrange the handset after installation is completed
- Please refer to [7. Camera Setup] regarding the Installation of Camera unit.

Installation method of camera (at DRC-4CH)

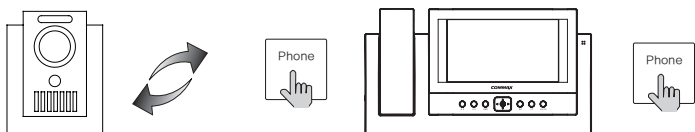


- Notes for installing

- Please keep the product away from direct sun rays or strong reflected light. It might cause to reduce the video quality.

8. Operation Description

1. Door Answering & Monitoring



- ① When the [CALL] button is pressed from a camera unit, you can hear the chime sound from the monitor. The monitor displays the visitor as well as the number of Camera on the screen (Duration of on-screen : 30 sec)
 - ② You can pick up the handset to talk. If the screen is off while you are talking, you can press the [MONITOR] button in order to talk again. (Duration of talking: 60 sec)
 - ③ Press the [OPEN] button to open the door. While you press the button, the relay connection of door camera will be sustained.
 - ④ Press the [MONITOR] button in standby mode to monitor the door, and then press the [RIGHT(>)] or [LEFT(<)] button to see the screen of the next camera.
- ♣ No Pcamera connected in Setup mode, that channel is passed.
 - ⑤ While talking with a door camera or monitoring a camera, the door will be opened if you press the [OPEN] button.
 - ⑥ While talking or monitoring over the camera, you may record 1 cut of visitors image in the memory pressing the [RECORD] button.

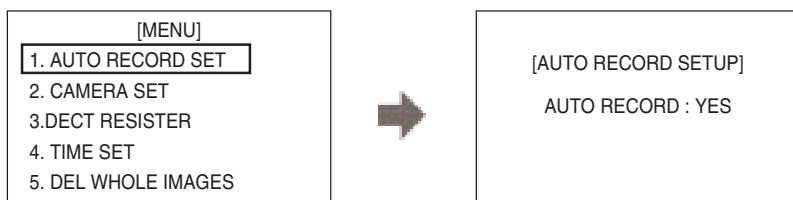
2. Image Recording

2-1. Image recording manually

- ① While you are monitoring or talking through a door unit, press the [RECORD.] button to record an image automatically.

2-2. Auto image recording

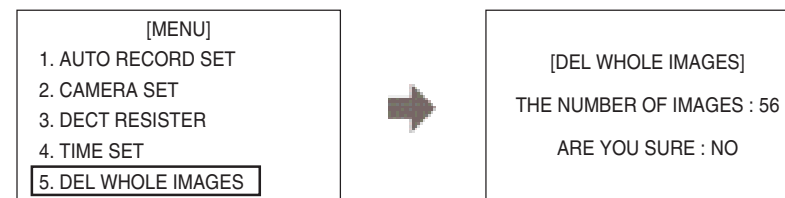
- ♣ Automatically record the visitor's pictures the memory of CDV-72BE when you set the units on away mode.
- ① Press the [MENU] button
 - ② Select the "AUTO RECORD SET" in Menu and press [ENT.\downarrow] button.
 - ③ Change to "YES" using [LEFT\leftarrow], [RIGHT\rightarrow] buttons, and then press [ENT.\downarrow] button and [MEMU] button to go back to standby mode.



- ④ The green lamp on the top of it blinks when it is in auto recording mode.
- ♣ Visitors' pictures are not stored when the lamp is off.
 - ♣ Max capacity of Memory : 128 cuts

2-3. Delete all the image stored in the memory

- ♣ Delete all recorded images



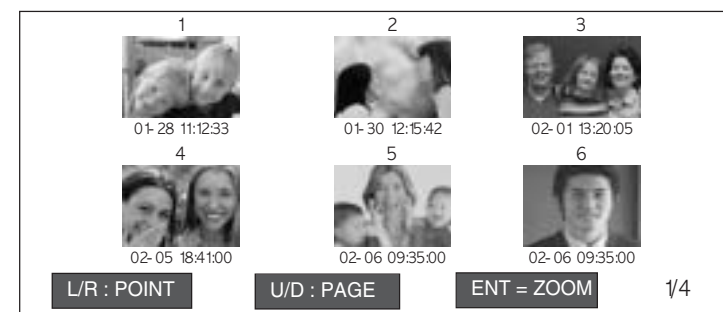
- ① Press the [MENU] button
 - ② Select "DEL WHOLE IMAGES" menu using the [UP\triangle]/ [DOWN∇] button and press [ENT.\downarrow] button.
 - ③ Change to "YES" using the [LEFT\leftarrow], [RIGHT\rightarrow] buttons and press [ENT.\downarrow] button to go back to standby mode.
- ♣ It takes 5 seconds to delete all images

2-4 Delete each frame of recorded image.

- ① Press [REVIEW] button and press the [ENT.\downarrow] button.
- ② Make a full screen of one of 6 images and then press [DELETE] button and [ENT.\downarrow] button.

3. Review Image recorded in the Memory

- ♣ This is a Function for viewing recorded images.
- ① Press [REVIEW] button.
 - ② 6 Recorded images are shown on a screen from the last recorded one.



- ③ Go to next 6 images using [UP\triangle]/ [DOWN∇] button,
- ④ In order to make full screen of one image, select one using [LEFT\leftarrow], [RIGHT\rightarrow] buttons and press [ENT.\downarrow] button.

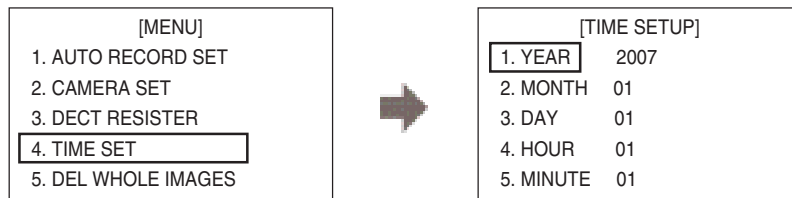


- ⑤ Move to a previous image or a next image using [LEFT <], [RIGHT >] buttons
- ⑥ Press the [REVIEW] again to go back to standby mode
- ♠ When it comes to full records with 128 cuts, the first recorded image will be deleted automatically in order.

4. Time setup

• This is to set Time.

- ① Press [MENU] button



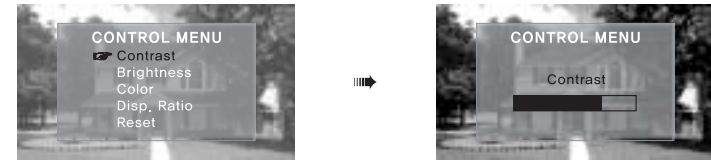
- ② Select "TIME SET" in the menu and press [ENT,↵] button
- ③ Select one using [UP△,] / [DOWN▽] buttons and change the time using [LEFT<], [RIGHT>] buttons.
- ④ After finishing the setting, press [ENT,↵] button and [MENU] button to go back to standby mode.

5. Screen Adjustment

Screen Adjustment

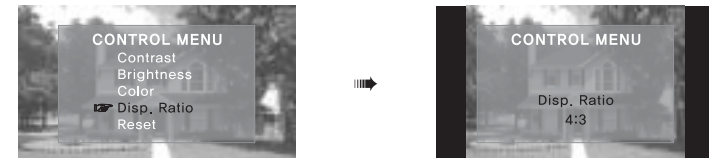
◆ These functions allow the user to make desired screen adjustments.

- 1. While monitoring or answering the door, press the [MENU] button. CONTROL MENU will be displayed.
- 2. Select a menu using the [UP△],[DOWN▽] buttons, and press [ENT,↵] button
- 3. Use the [LEFT<], [RIGHT>] buttons to adjust to the desired level and press the [ENT,↵] button to go back to the menu.



4. Other display adjustments are made in the same manner as detailed above.

- 5. If you wish to change the ratio of the screen, select 'Disp,Ratio' in the menu and press the [ENT,↵] button, change to ratio "FULL & 4:3" using the [LEFT<],[RIGHT>] buttons.



- 6. To go back to the default value of the screen adjustment, select the [Reset] menu and press [ENT,↵] button.

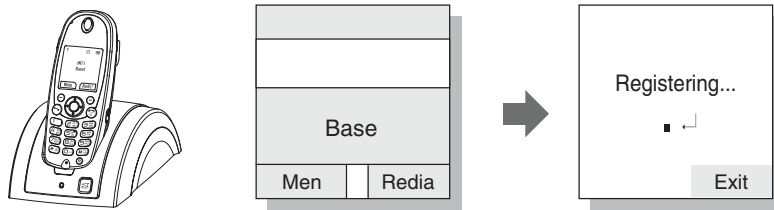


- 7. Press the [MENU] button to end.

6. DECT Phone Registration

- ① Before usage of any wireless phone, each phone must be registered with the DECT base unit.

Registering a Wireless Phone



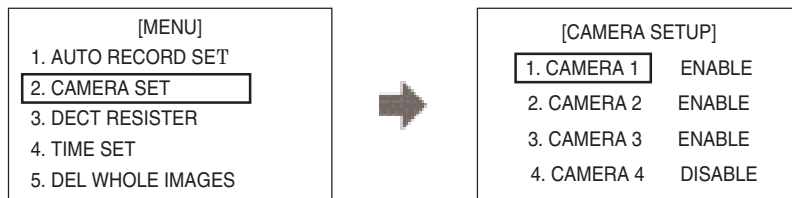
- ② Menu >> Handset Set >> Register >> Base # ID >> Enter PIN (Personal Identification Number: 4-digits) then press the OK button. The phone will then be registered in the body of the DECT base.
- ③ Next, program the registration mode from the body.



- ④ By pressing the MENU button, choose 'DECT Register' and press ENTER to register any phone.
- ♣ Phone Successfully Registered
- ① When the registration of a phone is complete, a "beep" will sound and the numbers 1-6 will appear. At this time, register any desired number 1-6 to the phone. (*Any previously registered number will not appear on screen.)
- ※ One DECT base is capable of registering up to 6 wireless phones.
 - ※ The registration may take anywhere from 60 seconds to process.
 - ※ If the phone fails to register, wait 1 minute before trying to register it again.

7. Camera setup

- ♣ CDV-72BE is connectable up to 4 camera units.
- ① Press [MENU] button



- ② Select [CAMERA SET] menu using [UP△]/[DOWN▽] buttons and press [ENT.↵] button
- ③ Set up the camera's status using [LEFT◀]/[RIGHT▶] buttons.
- ④ Press [ENT.↵] button and [MENU] button to go back to standby mode
- ※ The default vale is set to use all four cameras



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



Specification

ITEM	CONTENTS (CDV-72BE)	
Wiring number	Camera : 4 lines on polarity	
Rated voltage	AC100-240V~, 50/60Hz	
Power consumption (On operating)	CDV-72BE : 25W (Max.)	
Display	7" TFT-LCD	
Call sound	Door(individual door):ring/ electronic chime 3 sounds twice repeatedly/	
Time for screen working	30sec (On call : for 60sec)	
Image memory	128 cuts	
Communication distance	To Door camera: 30M(at \varnothing 0.5mm)/ 50M(at \varnothing 0.65mm)/ 70M(at \varnothing 0.8mm)	
Operating temperature	0℃ ~ 40℃	
Dimension	315(W)x175(H)x53(D)	
Weight	1.7kg	
Wireless handset	Modulation	TDMA/FSK
	Frequency band	1.880GHz ~ 1.900GHz (DECT)
	Communication distance	5M