

5.6" COLOR TFT VIDEO DOOR PHONE —INDOOR MONITOR



- E562FC
- E562FC-W80
- E562FC-W200

CE FC UL PC R&TTE RoHS 
ISO9001 ISO14001 OHSAS18001

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Thank you for purchasing our product of building intercom system series. Please read the instructions carefully and follow the directions before installing the products.

Any problem regarding to the product, please inquire your supplier.

General features

- Monitor and remote unlock
- Pedal control and 2nd door calling function (optional & alternative)
- Kinds of chord ring and dingdong sound with clear tone
- Connect with 2 way CCTV
- 4:3 window design, enrich your vision
- 0-100 grade talk volume adjustable
- Color ,brightness and contrast , etc. adjustable
- Intercom and call transfer between indoor monitor (support max. 4 monitors)
- No bother (mute) function
- Hands free
- Color image memory (optional)
- Color image memory up to 16G(512M standard configuration)
- Extension ring output(optional)



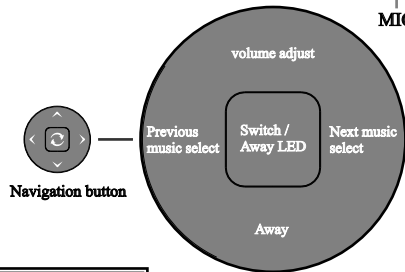
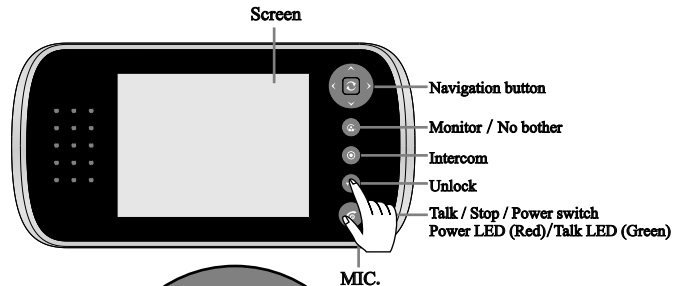
CAUTION: To avoid the risk of electric shock, please don't remove cover or back. Please ask professional person if maintenance needed.



Remind users that important operation and maintenance guide are included in the attached user's manual.

* The manufacturer reserves the right to change or modify design, features and functions and specifications without any prior notice for the improvement and promotion of products' quality. Please refer to the real products.

Feature and parts

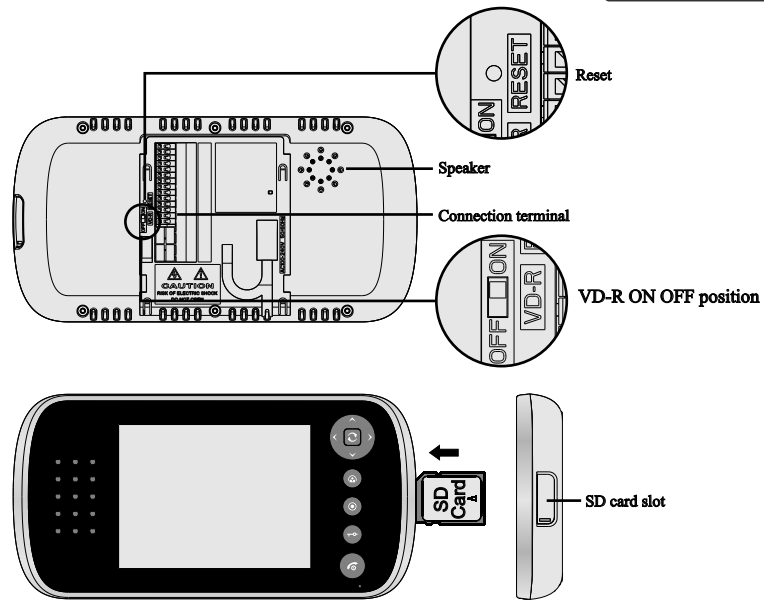


Insert SD card: insert the SD card to the slot according to the picture indicated position.
 Take out SD card: push the SD card by finger, it will be pulled out automatically.
 Attention: 1. Pay attention to the SD card direction.
 2. SD card is only used in E562FC-W200.

Remark

During operation, please press the button center as the picture shows.

Feature and parts



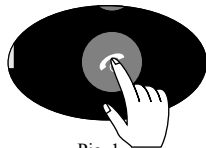
Operation

1. ON/OFF

a. After connecting the power, the unit will enter into standby mode automatically, Power LED light on .

Under Off mode ,press “🔊” button (pic. 1) , it will sound DU, means the unit is on and under standby mode ,power LED on.

b. Under standby mode, press and hold “🔊” ,it will sound DU , the unit enter into OFF mode, power LED turns off.



Pic. 1

2. Call remind

When outdoor camera calls in, indoor monitor's screen will display its image automatically, and shows CH1 or CH2, meanwhile ring sound.

3. Talk/Stop

a. Talk (when outdoor camera calls in)

Press “🔊” button to enter into talk mode.

b. Monitor to talk

Under monitor mode, press “🔊” button to enter into talk mode.

c. Standby to talk

Under standby mode, press “🔊” button to talk with Door 1.

d. Stop

Under talk mode, press “🔊” button to stop talk and back to standby mode.
Or wait 90s, it will automatically stop.

4. Switch outdoor camera (under talk mode)

During talk, press “📷” button (pic.2) , switch to talk to another outdoor camera.
The previous talking will stop.

5. Unlock

a. Under talk mode, press “🔑” button to open the electronic lock .

b. Under talk mode, if press “🔑” button (pic. 3), unlock time is 3 second .If keep pressing “🔑” button , lock will be on release mode ,and the longest unlock time is 8 second.

6. Monitor Door 1 / Door 2 / CCTV

a. Under standby mode , press “📷” button (pic. 2) to monitor Door 1, screen will display CH1(under monitor mode , only see the image but cannot hear the sound from outdoor, and there is no lock release function). Under monitor mode, it will back to standby mode automatically after 90S.

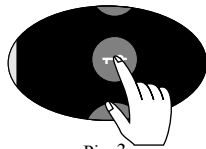
Operation



Pic. 1




Pic. 2





Pic. 3


Operation


b. When monitor Door 1, press “” button (pic.2) to switch to Door 2, screen will display CH2 (under monitor mode, only see the image but cannot hear the sound from outdoor, and there is no lock release function). Under monitor mode, it will back to standby mode automatically after 90S.

c. Under monitor mode , press “” button to enter into talk mode.


d. Under monitor Door 2 or busy mode, press “” button (pic. 2) to enter CCTV1, screen will display CCTV1 .

e. During monitor CCTV1 mode , press “” button to monitor CCTV2, screen will display CCTV2.

f. During monitor CCTV2 mode , press “” button to back to standby mode.

g. Under CCTV mode, press “” (pic. 1) to exit CCTV monitor mode and back to standby, or after 90S it will exit automatically.

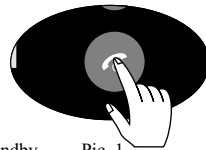
7. Ring select

Under standby mode, press “ < ” or “ > ” button(pic. 4), the unit will sound the current ring, each time you press this two button ,the unit will sound different ring. Press “ < ” to sound previous ring, press “ > ” to sound next ring. After selection, press “” button or wait 15S to automatically save the current ring. The ring you choose is for Door 1, and its next ring is default to Door 2.

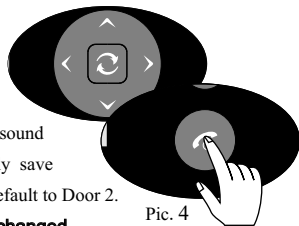
Remark: Intercom ring is “DU...DU” at intervals, and can not be changed.



Pic. 2



Pic. 1





Pic. 4


8. Ring volume select

Under ring select mode, press “ ^ ” button (pic. 5) to adjust the ring volume.



9. No bother setup / Exit

a. Under standby mode, press and hold “” button (pic.6), till the unit sound “DI” , then enter into no bother mode, no bother LED light on.

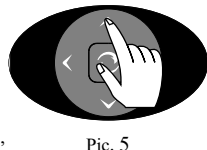
When outdoor calls in , indoor monitor's screen can only display the image but cannot sound ring. Press “” to talk with outdoor camera if necessary.

b. Under standby and no bother mode , press and hold “” button till the unit sound DI DI, and no bother LED turns off, means it has exited no bother mode.

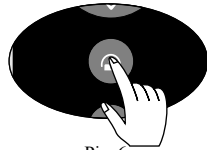
10. Intercom function (suitable for more monitors)

a. When the system have 2 monitors, under standby mode , press monitor A's “” button , then press “” button to call monitor B.

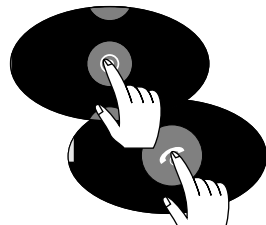
Operation



Pic. 5



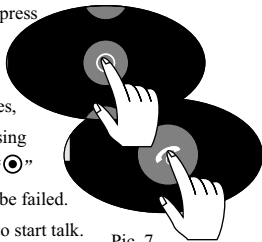
Pic. 6



Pic. 7

Operation

- b. When there are more than 2 monitors, if monitor A wants to call monitor B, press “☉” button first (the time you press “☉” button should be same as monitor B's room number), then press “☞” to call monitor B. (For example, monitor B's number is 3, press monitor A's “☉” button three times, then press “☞” to call monitor B.) During operation of a/b, each time pressing “☉” button, you have 4s to do the next step. If within 4s, you didn't press “☉” or “☞” button, or you press the wrong button, the precious operation will be failed.
- c. During intercom ringing, only the monitor which be called can press “☞” to start talk.
- d. During intercom ringing, both parties can hold “☞” button 2S to end up calling.



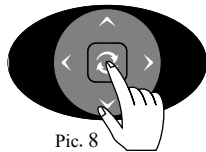
Pic. 7

11. Call transfer (suitable for more monitors)

Under talk mode, if you need transfer the call to other monitor, the operation is same as intercom function operation. After successfully transferring, only the monitor which be transferred sound the ring, other monitors will be under busy mode.

12. Check monitor's room number

Under standby mode, press and hold “☉” button (pic. 8) to enter into setup interface, the current room number would be showed on the first line of the screen.



Pic. 8

Operation

13. AWAY mode setup (if the unit without image memory function, please pass this item)

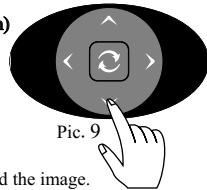
Under standby mode, press “∨” button (pic. 9) then the unit sounds “DI”, away LED lights on, means the unit is under AWAY mode.

AWAY mode is default to off when turn on the unit each time.

Under away mode, the units will automatically record one image by each calling.

(If Indoor monitor didn't answer after 10 seconds calling, it will automatically record the image.

If the monitor answers the call within 7 seconds, the unit will not record the picture automatically.)



Pic. 9

14. Exit AWAY mode (if the unit without image memory function, please pass this item)

Under standby and AWAY mode, press “∨” button (pic. 9) then sound “DI DI”, AWAY LED turns off, means the unit has exited AWAY mode. When outdoor camera calls in, the unit will not automatically record the picture.

15. Busy mode (suitable for more monitors)

- When one of monitor is under monitor or talk mode, other monitors will in busy mode.
- When two monitors are under intercom mode, other monitors will in busy mode. After call ending, all of the monitors will be back to standby mode.
The units under busy mode , only have the function of ring select, ring volume adjust, monitor CCTV camera and 2nd door calling function available.
- Under busy mode, the unit will sound “DU” if you do the function of talking or intercom.

16. Outdoor camera calling remind

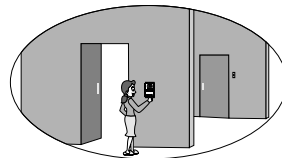
- Under standby / monitor / intercom mode ,when outdoor camera calls in , both outdoor camera and indoor monitors will sound ring.
- During talking with Door 1, Door 2 calls in, now the monitor which under talk mode will sound “DI DI” at interval, screen will display “📺” to remind there is another calling.

17. Pedal control (optional)

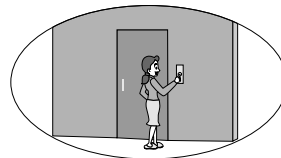
- Under standby or monitor outdoor camera mode, step on the pedal control switch, it is equivalent to press the “📺” button.
- Under calling mode, step on the pedal control switch, it is equivalent to press the “🗣️” button to talk.
- Under talk or monitor CCTV mode , step on the pedal control switch, it is equivalent to press the “📺” button to back standby mode.

18. 2nd door calling function (optional)

- When 2nd door calls in, the indoor monitor will sound “Ding Ling Ding Dong” .
- Under ring select, talk or intercom mode , the indoor monitor will sound “DI DI” at interval when 2nd door calls in.
- When the screen turns on, the screen will flash “😊” when 2nd door calls in.



Outdoor camera calling



2nd door calling



19. Same room number alarm (suitable for more monitors)

If monitor A's room No. is same as monitor B, the unit will sound "DI" at intervals. Now the system will automatically get a new number for it. If failed, you need change the room number manually.

20. Communication problem alarm

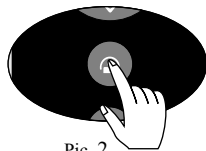
If the unit sound "DI DI" every 2 seconds, means there is a communication problem between this monitor and main monitor. Please check the line or make sure if the main monitor is turned off. After solving the problem, press "🔒" (pic.2) or "🔄" button (pic. 1) to connect with outdoor camera, then the alarm will be cancelled automatically.

21. Cancel the alarm manually

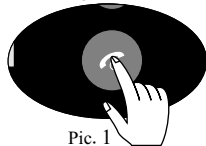
Under standby mode, when the system start alarm, press "<" or ">" button (pic. 10) about 0.5s to cancel the alarm

22. Navigation mode

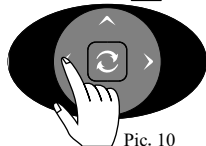
Each time when you enter into monitor or talk mode, the navigation button is default to OSD menu, press "🔄" (pic.8) button to switch the button between OSD menu and image memory



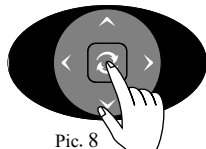
Pic. 2



Pic. 1



Pic. 10



Pic. 8

If the system can work properly, please don't reset or initialize room no., or will cause the system improperly working.

1. Initialize indoor monitor's room number

When outdoor cameras and indoor monitors are installed successfully, please initialize all indoor monitors if the system improperly work.

a. One key initialization

Under standby mode, insert tools into the "RESET" hole to press internal switch with 2 seconds, until the unit sound "DU", means initialization is successful.

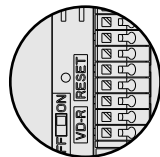
b. Manually initialize

Same method as setup room number manually. (after initialization, the room number is 0)

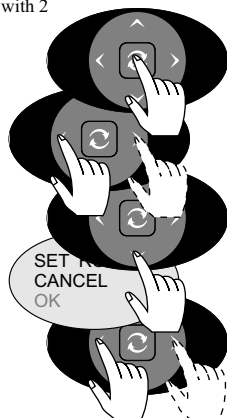
2. Manually setup room number (suitable for more monitors)

If the system have more than 2 monitors, after system setup room number automatically, you need change any of them (except the main monitor which connect to outdoor camera), do as following step:

- Under standby mode, press and hold "🔄" for 2-3 second to enter setup interface (screen is on).
- In setup interface, Row 1 will show this monitor's room number.



Pic. 11



- c. Press “ < ” or “ > ” button to select room no. you need.
- d. After selected, press “ ✓ ” button to select “ OK ” in the interface, then press “ < ” or “ > ” button to confirm (please note: selected part is in red color)
- e. After setup successfully, it will exit automatically. Repeat step a to check whether setup successful or not.

Remark: 1. If the room number you setup is the same as other monitor, the system will automatically give this unit a new number.

2. Under setup interface, other function are invalid.

3. If no operation under setup interface, the system will automatically exit after 60s, or press “ ⏪ ” to exit.

3. Automatically setup room number

- a. When the system only have 1 monitor, after connection, room number will automatically setup.
- b. When the system have 2 monitors, initialize 2 monitors first ,then call from outdoor, after successfully ringing on two monitors, stop the call. Then the room number will automatically setup.
- c. When the system have more than 2 monitors, initialize all indoor monitors, then connect the power of main monitor and monitor 2 you need, call from outdoor, after successfully ringing on two monitors, stop the call. Then connect the power of monitor 3 you need, call from outdoor, after successfully ringing on all monitors, stop the call. Do the same operation for monitor 4.

Introduction for color image memory (W80)

The unit (W80) which with color image memory has the following functions

1.Photo taken

The unit can take the photo with time information, max to 80pcs .

2.Review

The users can review the taken photos under monitor or talk mode.

3.Auto-off

During reviewing, if without any operation within 15s, the review function will be turned off Automatically.

4.Time information display and edit

When the system under memory mode, the screen will display the time and date information and you can edit the time as well.

5.Away management

When the unit is under Away mode, the system will automatically take the photos of each calling.

Operation for color image memory (W80)

1.Automatically/manually take photos

- a.Under away mode, when outdoor calls in, the unit will take the photo automatically.
- b.During the talking between outdoor and indoor unit, touch“ ⏪ ”to take the photo with time information.

2.Review / Delete taken photos

Touch “” screen on----- “” (till there have time and date display on screen)----- “” to enter into 6 photos reviewing interface, by touching “” to review the photos in full screen, “” / “” to review the last / next one. If want to delete the photo, touch and hold “” for 3s to delete.

3.Time setting / Format image memory

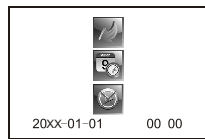
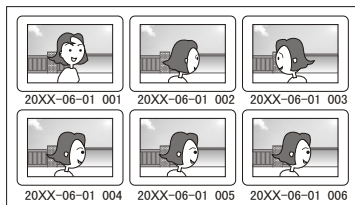
Touch “” (screen on)----- “” (till there have time and date display on screen) ----- “” (touch and hold for 3s), to enter into Pic. A: “” Return; “” :Set Date / Time; “” :Format image memory

4.Set Date / Time

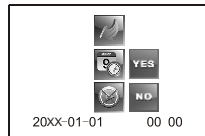
Touch “” / “” to select “” ;Touch “” to enter,touch “” / “” to set the value,touch “” again to the next item. When setting finished,touch “” to exit.

5.Format image memory

Touch “” / “” to select “” and touch “” to enter,touch “” / “” to choose “” ,then touch “” to format, touch “” again to exit.



Pic. A



Pic. B

The unit with color image memory has the following function:

1. Color picture

The unit can record and review color picture, the picture could be recorded even after power off.

2. Auto record picture

Under Away mode, the unit will automatically record one picture with time.

3. Manually record picture

During talk, press “” to switch to image memory mode, then press “” to record one picture with time.

4. Review picture

Under monitor mode, press “” to switch to image memory mode. After the screen display clock, press “” to enter into picture review mode. Press “” to review picture. Under picture reviewing mode, press “” to exit this mode.



5. Delete picture

Under picture review mode, press “” for 3s to delete current reviewing picture.









6. Video record function



The unit has video record and review function, each video can be last 10s with AVI format, the video could be recorded even after power off.

7. Video record


Turn on screen, press “” to switch to image memory mode. After the screen display clock, press “” to record one video.

8. Video review






Under monitor mode, press “” to switch to image memory mode. After the screen display clock, press “” to enter into video review mode. Press “” and “” button, after the screen display “”, means current information is video. Press “” to play video, press again to pause, press “” to stop. Press “” to speed video (x1, x2, x4 option).




When you see the video information “”, hold “” till the screen display “SWITCH READY”, release this button, system will back to image memory mode.

9. Delete video









Under video review mode, press “” for 3s to delete current video.

10. Time setup

Under monitor mode, press “” to switch to image memory mode. After the screen display clock, press “” for 3-4s to enter into setup interface. Press “” and “” to choose time setup, then press “” to enter into time setup mode.

During time setup, press “” and “” to edit date and time, press “” to confirm and turn to next item. After setup, it will automatically exit.

11. Format image memory and SD card

Under monitor mode, press “” to switch to image memory mode. After the screen display clock, press “” about 3-4s to enter into setup interface. Press “” and “” to choose format item, press “” to enter into format mode. Press “” and “” to choose confirm, press “” to format.

Remark: 1) First operation, please format SD card.

2) During operation, you cannot take out SD card. After cut off the power, the time information you setup will be lost no more than 10 hours.

3) If the system detect the SD card is locked, it will remind “SD CARD LOCK”. Now time is normal operation, but the buttons are unanswered.

4) Please insert SD card before operation.

5) Under power off mode, all of the memory could be reserved.

Instruction of LED status

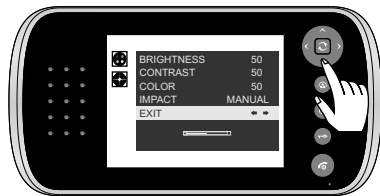
1. Power LED light: The unit is under ON mode.
2. No bother LED light: The unit is under no bother mode.
3. Away LED light: The unit is under away mode.

Instruction of voice status

1. Under standby mode, the unit sound “DI” at intervals: 2 monitors have same room number
2. Under standby mode, the unit sound “DI DI” at intervals: monitor has communication problem
3. The unit sound “DU”: this function is forbidden, or failed operation.
4. Under talk mode, the unit sound “DI DI”: another camera is calling
5. Under ring select, talk or intercom mode, the unit sound “DI DI”, or under other mode the unit sound “DING LING DING DONG”: 2nd door is calling.

Instruction of TFT screen

1. CH1: the monitor is under talk or monitor mode with Door 1
2. CH2: the monitor is under talk or monitor mode with Door 2
3. CCTV1: the monitor is monitor CCTV1
4. CCTV2: the monitor is monitor CCTV2
5. “INTERCOM...” : monitor A and monitor B is under intercom mode
6. “☺” : 2nd door is calling
7. “📷” : another outdoor camera is calling
8. “🔑” : the monitor is under unlock mode



Menu A



Menu B

This menu could adjust talk volume, brightness, contrast, language, etc.

Turn on the screen, press “ \checkmark ” to open Menu A, press “ \checkmark ” to choose the item you need adjust, press “ \leftarrow ” and “ \rightarrow ” to adjust. After choose EXIT item of Menu A, press “ \checkmark ” again to open Menu B.

1. Each time enter into monitor / talk mode, the navigation button is default to OSD menu mode. Press “ \leftarrow ” or “ \rightarrow ” to adjust the talk volume.

2. Image brightness, contrast and color adjust

Under OSD menu mode, press “ \checkmark ” to open Menu A, press “ \checkmark ” again to choose brightness, contrast, color item. Then press “ \leftarrow ” or “ \rightarrow ” to adjust.

3. Picture impact adjust

Under OSD menu mode, press “ \checkmark ” to open Menu A, press “ \checkmark ” again to choose impact item. Then press “ \leftarrow ” or “ \rightarrow ” to adjust bright, soft, standard and manual.

4. Color system setup

Under OSD menu mode, press “ \checkmark ” to open Menu B, then press “ \checkmark ” again to choose color system item. Press “ \leftarrow ” or “ \rightarrow ” to choose AUTO, NTSC and PAL.

5. OSD menu language setup

Under OSD menu mode, press “ \checkmark ” to open Menu B, then press “ \checkmark ” to choose language item. Press “ \leftarrow ” or “ \rightarrow ” to choose the language you need.

6. Picture quality reset

Under OSD menu mode, press “ \checkmark ” to open Menu B, then press “ \checkmark ” to choose reset item. Press “ \leftarrow ” or “ \rightarrow ” to reset the picture quality to factory setting.

7. Exit OSD menu

Under OSD menu mode, press “ \checkmark ” to open Menu B, then press “ \checkmark ” to choose exit item. Press “ \leftarrow ” or “ \rightarrow ” to exit OSD menu.

Problem	Possible reason	Solution
➢ Totally cannot work.	<ul style="list-style-type: none"> ➢ The unit haven't connected power. ➢ The unit is under OFF mode. 	<ul style="list-style-type: none"> ➢ Check if the power is ON. ➢ Refer to OPERATION point a.ON
➢ Outdoor unit cannot call.	<ul style="list-style-type: none"> ➢ The connection between indoor and outdoor unit is cut. ➢ The main monitor is OFF. 	<ul style="list-style-type: none"> ➢ Check the connection between indoor and outdoor unit. ➢ Refer to OPERATION point "a.ON".
➢ Can not monitor outdoor camera	➢ Outdoor camera line fault	➢ Check outdoor camera connection
➢ Under standby mode, outdoor camera can not call in ,indoor unit can not monitor and sound "DI DI" at intervals	<ul style="list-style-type: none"> ➢ Main monitor is off, ➢ The connection between this monitor and main monitor is cut off. ➢ There is no main monitor 	<ul style="list-style-type: none"> ➢ Refer to OPERATION point "a.ON". ➢ Check the connection between indoor and outdoor unit.
➢ Outdoor can hear indoor, but the voice from outdoor is too small.	➢ Talk volume is too small.	➢ Refer to OSD menu operation "talk volume adjust", adjust the talk volume to the best quality.
➢ Cannot take picture and video. (for color memory monitor)	➢ No SD card	➢ Refer to operation, insert SD card and re-start the memory.
➢ Talk Voice normal but have double image	➢ Last extension monitor's VD-R switch in the wrong position.	➢ Put last extension monitor's VD-R switch to on position and other monitor all in OFF

Item \ Model	E562FC	E562FC-W80	E562FC-W200
Screen	5.6" color TFT		
Power supply	AC100-240V ~50Hz/60Hz 15W or DC13.5V/1.5A		
Connection with extension unit	In series		
Talk	Hands-free		
Power consumption	13.5V, 700mA (max.)	13.5V, 850mA (max.)	
CCTV video input	Typical value 1Vp-p(75 ohm)		
Video output	Typical value 1Vp-p(75 ohm)		
Extension ring load (optional)	0.5W/8 ohm		
Optional ring tone	Chord ring / Dingdong		
Operation temperature	-10°C to +55°C		
Optional extension unit	All of indoor monitor (which has intercom function)from our company		
Optional outdoor camera	All of 4-wired outdoor camera from our company		