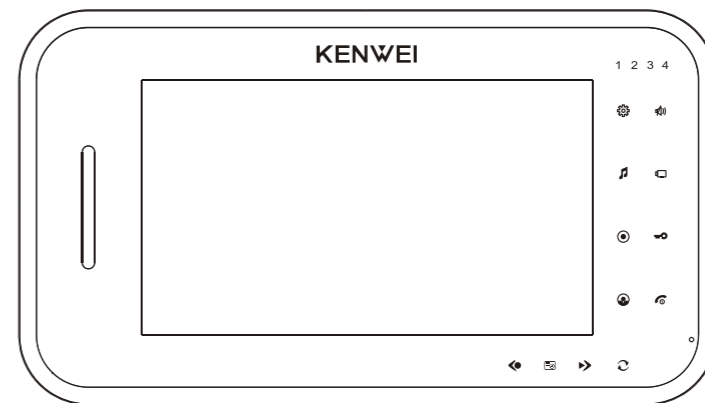


KENWEI

7" COLOR TFT VIDEO DOOR PHONE INDOOR MONITOR



- S702C
- S702C-W32
- S702C-W64
- S702C-W200

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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
- Kinds of chord ring and dingdong sound (optional) with clear tone
- 16:9 screen, enlarge your viewing
- Color, brightness and contrast, etc. adjustable
- No bother (mute) function
- Support color / B&W image memory
- Color memory support max. 2G SD card record
- 4 grade ring volume adjust
- Touch button
- Able to connect with 2pcs CCTV camera
- Intercom, call transfer between indoor monitors
- Hands-free
- Support max. 4pcs indoor monitors



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

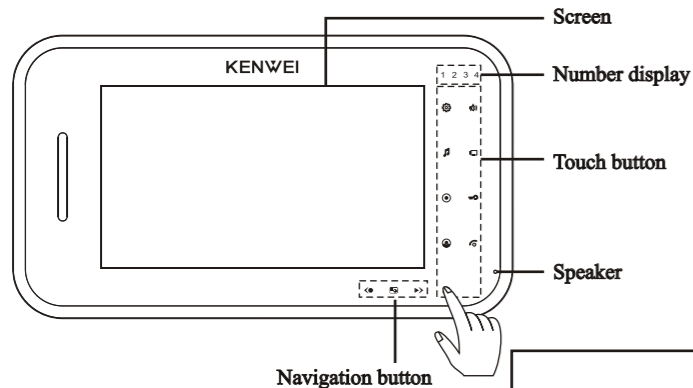


Remind users that important operation and maintenance guide are included in the attached user's manual.

Remark

* **KENWEI** 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.

Features and parts

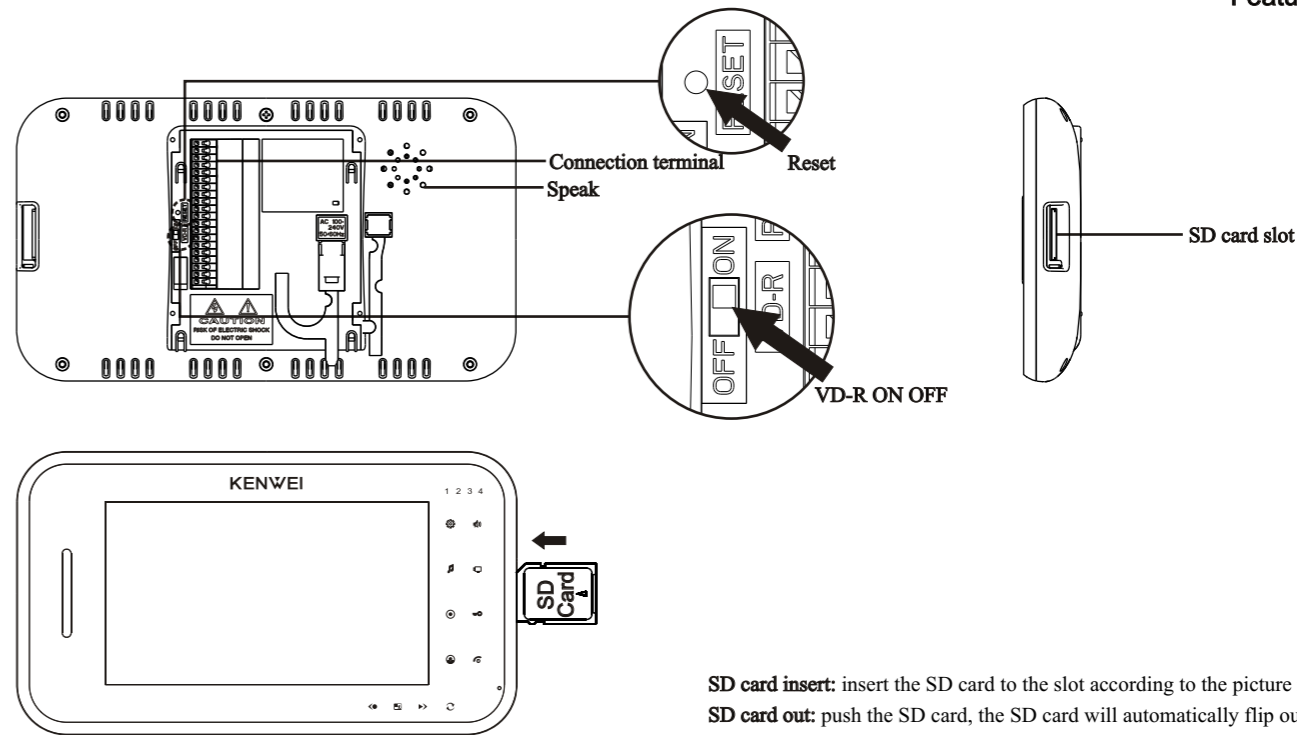


Touch button	
Setup	No bother LED / No bother / Volume adjust
Music select	CCTV monitor
Intercom	Open
Monitor outdoor camera	Talk / Stop / Power LED
Switch / Away setup / Away LED (no this button if the unit without memory)	

Remark

Touch the center of icon during operation.

Features and parts




SD card insert: insert the SD card to the slot according to the picture indicated position.
SD card out: push the SD card, the SD card will automatically flip out of the slot.

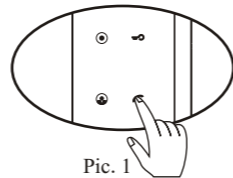
Operation

1.On / Off

a.After get through the power, the unit will enter into standby mode automatically, all of the button backlight will light on (about 6s all of back light turn off, and power LED light on.)

Under OFF mode, press “” (Pic. 1) you will hear “DI”, the unit enter into standby mode, and power LED light.

b.Under standby mode, press and hold “” (Pic. 1), you will hear “DI”, and all of backlight turn off, the unit enter into OFF mode.




Pic. 1

2.Call remind

When outdoor unit call indoor, the screen will display its picture, number display area display its room number, power LED flashes, and sound ring.

3.Talk / Stop

a.Call and talk:

When outdoor calls in, the monitor will sound ring, press “” (Pic. 1) to talk with outdoor.


b.Monitor and talk:

Under monitor mode, press “” (Pic. 1) to talk with outdoor.


c.Standby and talk: (between indoor monitor and Door 1)


Under standby mode, press “” (Pic. 1) to talk with Door 1.

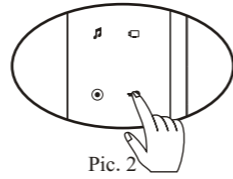
d.Stop:

Under talk mode, press “” (Pic. 1) to exit talking. Or just wait 90s, the system will automatically back to standby mode.

4.Open


a.During talking, press “” (Pic. 2) to open the door. The unit is without unlock function under monitor mode.


b.During talking, press “” (Pic. 2) once, the unlock time would last 3s. If you press and hold this button, it will last unlock mode till 8s.



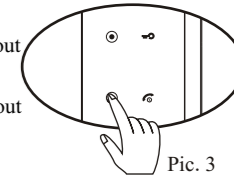
Pic. 2

5.Monitor / Exit

a.Under standby mode, press “” (Pic. 3) to monitor Door 1, Number 1 LED light, and the screen will display CH1. (Only picture without voice and unlock under monitor mode.) The monitor time will last 90s and it will automatically exit then back to standby.


b.Under standby mode, press “” (Pic. 3) to monitor Door 2, Number 2 LED light, and the screen will display CH2. (Only picture without voice and unlock under monitor mode.) The monitor time will last 90s and it will automatically exit then back to standby.

Operation




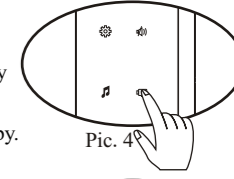
Pic. 3

6.Monitor CCTV camera

a.Under standby mode, press “” (Pic. 4) to monitor CCTV camera 1, Number 1 LED light, and the screen will display CCTV1.




b.Under CCTV camera 1 monitor mode, press “” (Pic. 4) to monitor CCTV camera 2, Number 2 LED light, and the screen will display CCTV2.

c.Under CCTV camera monitor mode, press “” (Pic. 1) to exit monitor mode, or wait 90s, it will automatically exit then back to standby.

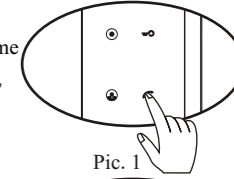


Pic. 4

7.Music select

Under standby mode, press “” (Pic. 5) the unit will sound the current ring tone, and the number display area will show the ring volume grade. Each time press “” (Pic. 5), you will hear different ring tone. Choose the one you like, then press “” (Pic. 1) or wait 30s, the system will reserve the current ring tone.

Door 2's ring tone is the one next to Door 1. The intercom ring tone between monitors is “DU DU” at intervals, and cannot change.

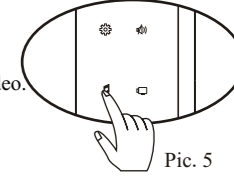


Pic. 1

8.Video output (1Vp-p, 75 Ω)

The output video is the one display on the screen. Only when you turn on the screen, and have picture display, then you can output the video.

If you want to output the recorded image, refer to the image memory operation.



Pic. 5

Operation

9. Ring volume adjust:

Under music select mode, press “🔊” (Pic. 6) to adjust the ring volume on 1-4 grade, and you will see the relevant number on the number display area. (1 means min., 4 means max.)

10. Key volume adjust:

Under standby mode, press “🔊” (Pic. 6) to adjust key volume on 1-4 grade.

11. No bother setup / exit:

- Under standby mode, press and hold “🔊” (Pic. 6) about 2s, no bother LED light, and the unit sound “DI”. Now it is under no bother mode. (under no bother mode, only picture without ring when there is a calling. Press “📞” (Pic. 1) to talk with outdoor.)
- Under standby & no bother mode, press and hold “🔊” (Pic. 6), till the unit sound “DI DI”. Now it has exited no bother mode.

12. Intercom (suitable for more than 2 monitors.)

- When there are 2 monitors, under standby mode, monitor A press “👤” (Pic. 7), the intercom LED light, and display the relevant number. Then press “📞” (Pic. 1) to call monitor B.
- When there are more than 2 monitors, if monitor A want to call monitor B, press “👤” (Pic. 7) after you see monitor B's number, then press “📞” (Pic. 1) to call monitor B. (For example, monitor B's number is 3, press “👤” (Pic. 7) after you see 3 on the number display area, then press “📞” (Pic. 1) to call.)

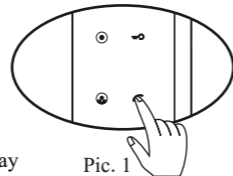
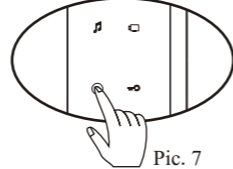
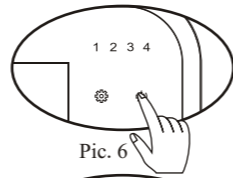
During a/b operation, you have 4s to wait when you press “👤” (Pic. 7) each time. If you don't press “👤” / “📞” within 4s, or you press the button except this two buttons, the previous operation would be failed. Meanwhile, intercom LED, number LED turn off, you need operate again.

- During calling, only the be-called monitor could press “📞” (Pic. 1) to start talking.

For example, monitor A calls monitor B, only monitor B could press “📞” (Pic. 1) to start talking, monitor A's room number would be displayed on monitor B's number display area. During talking, talk LED light, and the top left corner of screen will display Intercom, means the monitors are under intercom mode.

- During calling, both side could stop calling by pressing “📞” (Pic. 1) for 2s.

Remark: During talking, both side could talk only after screen display intercom.



Operation

13. Call transfer (suitable for more than 2 monitors)

When outdoor camera calls in, and monitor A press “📞” (Pic. 1) start to talk. If you need transfer this calling to monitor B, operation method is same as intercom.

After successful transferring, only monitor B will sound ring, other monitors will get into busy mode.

14. Check monitor's room number

- Under standby mode, press and hold “👤” (Pic. 7) till its number LED light, you will see this monitor's room number. Release this button to exit and back to standby.
- If the current monitor hasn't successfully setup its room number, the unit will sound “DU” when you press “👤” (Pic. 7), and no number LED light.

15. Away setup (pass this item if the unit is without memory)

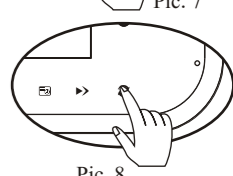
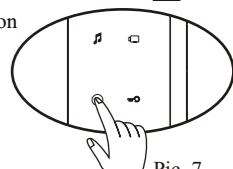
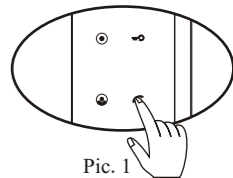
Under standby mode, press “🔄” (Pic. 8) the unit will sound “DI”, means it is under away management mode.

The unit is default to close away mode when you turn on the unit.

The unit will automatically record one picture when there is a calling under away management mode. (after 10s calling, nobody answer the call, the unit will automatically take one photo. If the user answer the call within 7s calling, the unit will not take the photo.)

16. Exit away management mode (pass this item if the unit is without memory)

Under standby mode, press “🔄” (Pic. 8) the unit will sound “DI DI”, means it is exit away management mode. When there is a calling, the unit will not automatically take photo.



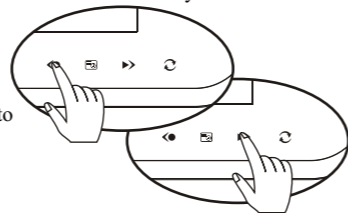
Operation

17. Busy status (suitable for more than 2 monitors)

- When monitor A is under monitor or talk mode, other monitors will enter into busy mode.
- When 2 monitors are under intercom mode, other monitors will enter into busy mode. After they finish talking, all of monitors will back to standby mode. (the monitors under busy mode, only music select, ring volume, monitor CCTV camera function could be operated.)

18. Talk volume adjust

During talking, press “◀” and “▶” (Pic. 9) could adjust monitor's speaker volume. The adjustable range is 0-100. Auto reserve after exit.



Pic. 9

19. Outdoor call remind

- When the monitor is under standby, monitor, intercom mode, if there is a calling, both indoor and outdoor unit will sound ring.
- When monitor is talking with Door 1, now Door 2 calls in, the monitor will sound “DI, DI, DI” at intervals, remind there is a calling from another door.

20. Same room number alarm (suitable for more than 2 monitors)

When monitor B's room number is same as monitor A, monitor B will sound “DI” at intervals. You need change this room number to avoid conflict. If there is still alarm after change, you need re-start power.

21. Communication problem alarm (suitable for more than 2 monitors)

If the monitor B sound “DI, DI” every 3s, means this monitor has communication problem with the main monitor (which connect with camera). Please check the circuit or check if the main monitor is power off. After trouble shooting, press monitor B's “📶” / “📶” to build in connection with door camera, the alarm will be cancelled. (If the monitor has communication trouble, only after it operates monitor / talk function more than 6 times, then it will sound alarm.)

Operation

22. Navigation mode choose

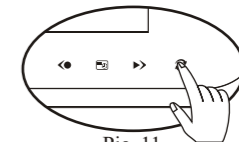
Each time when you press navigation button under monitor or talk mode, “◀” / “📶” / “▶” button (Pic. 10) are default to OSD menu. Now you can press “🔄” (Pic. 11) to choose OSD menu or image memory.

23. Key backlight indication

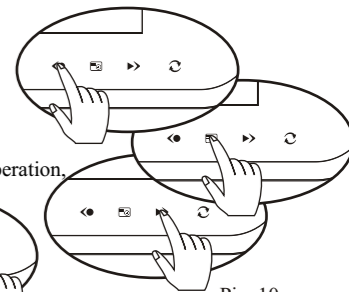
Under standby and operation mode, key backlight will light 6s when you press any button. Within 6s, if you don't do any operation, it will turn off.

Press any button on the touch button area, the backlight will light on.

Remark: You need light on the backlight first if you want to do any operation.



Pic. 11



Pic. 10

Special function

If the system can work normally, please don't reset or initialize room number, or it will make the system improper working.

1. Room number initialize:

a. One key initialize:

After successfully install the monitors and cameras, if the system cannot work well, please initialize all of indoor monitor's room number. Under standby mode, insert the needle to RESET (Pic. 12) hole about 2s, the unit will sound “DU”. Means the unit has successfully initialized.



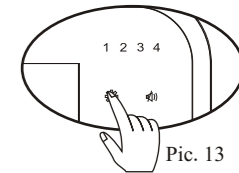
Pic. 12

b. Manual initialize:

Under standby mode, press and hold “⚙️” (Pic. 13), after the unit sound “DI”, the unit enter into room number setup mode. Until the unit sound “DI DI”, you can release “⚙️” (Pic. 13).

Now 4 number LED on the number display area will flash 3 times, means the unit has successfully initialized.

Remark: If you don't release the “⚙️” (Pic. 13) after the unit sound “DI DI”, but release it after the unit sound “DI DI DI”, the initialization would be failed.



Pic. 13

2.Room number setup (automatically)

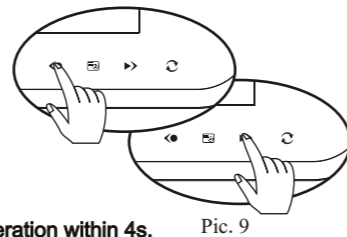
- a. When there is only one monitor, initialize the monitor, then calls from outdoor, after successfully ringing, the room number has been setup.
- b. When there are two monitors, initialize the room number first. Then calls from outdoor, after both of two monitors successfully ringing, the room number has been setup.
- c. When there are more than two monitors, initialize the room number first. Then connect the power of main monitor (which connect with camera) and monitor B (room number you want is 2). Then calls from outdoor, after both of two monitors successfully ringing, stop it. Connect monitor C (room number you want is 3), then calls from outdoor, after successfully ringing, stop it. Then connect monitor D (room number you want is 4). Do the same operation, after that, all of monitors' room number have been successfully setup .

3.Room number setup (manually, suitable for more than 2 monitors)

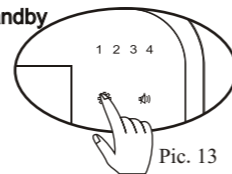
After the system setup the room number automatically, if you want to change any of them, please follow the step:

- a. Press and hold “⚙️” (Pic. 13) till the unit sound “DI”, setup and number LED lighting. (if this monitor hasn't setup the room number, the number LED will not light.)
- b. Then press “◀️” and “▶️” (Pic. 9) to choose the room number you want, meanwhile, its number LED light on.
- c. After setup the room number, press “⚙️” (Pic. 13) to reserve.

Remark: under room number setup mode, you have 4s to wait when you press “◀️” / “▶️” each time. If no operation within 4s, the unit will automatically exit this mode. Meanwhile, room number setup LED and relevant LED turn off, the unit will back to standby mode. During setup, the lighting number LED means the relevant room number.



Pic. 9



Pic. 13

B&W image memory introduction

The unit with B&W image memory has the following function:

1.Record:

The users can record the picture with time, max. to 64pcs.

2.Review:

The users can review the recorded picture under monitor or talk mode.

3.Auto-off:

During reviewing, if you don't press any button related to image memory function, the memory would be automatically off after 10s.

4.Time display and edit:

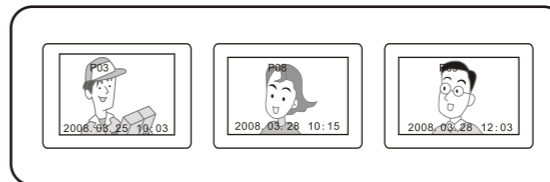
During image memory operation, the screen will show the time. You can edit the time and date. No time display under normal monitor mode.

5.Away management:

When the unit is under away mode, the system will automatically record the picture of each calling.

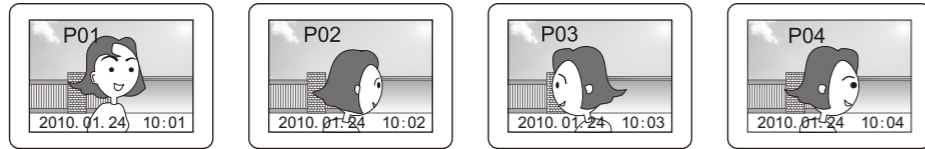
B&W image memory operation

- a. When the unit is under away mode, the system will automatically enter into monitor mode if somebody calls in, and record the picture. After the users come back, turn on image memory mode, and review the recorded picture by press “▶️” .



Operation

b. Under monitor & image memory mode, press “◀” to record the picture with time, max. to 32 or 64pcs. Over that, the system will automatically cover the oldest one.



c. Under monitor and image memory mode, press “⏮” to choose the time or date you need change, then press “▶” to edit time or date. After edit, press “⏮” to exit time edit mode.

Remark: When the power off, all of the recorded image will lost.

Color image memory operation

The unit with color memory has the following function:

1. Color picture recording:

The unit could record and review color picture, which could be record even after power off.

2. Auto record picture:

Under away management mode, the unit will automatically record one picture with time when there is a calling.

3. Manual record picture:

During talking between indoor and outdoor unit, press “⌚” to get into image memory mode, then press “▶” to record one picture with time.

4. Review:

Under monitor mode, press “⌚” to get into image memory mode, when you see the clock on the top left corner of screen, press “⏮” to get into review mode, press “▶” to review the picture you recorded. During review mode, press “⏮” to exit this mode.

5. Delete:

During picture reviewing, press “◀” for 3s to delete the current reviewing picture.

Operation

6. Video record function:

The unit have the video recording function, which could be recorded even power off. Each video lasts 10s with AVI format.

7. Video record:

Turn on the screen, press “⌚” to get into image memory mode, when you see the clock on the top right corner of the screen, press “◀” again to record the video.

Remark: during record, “◀” / “⏮” / “▶” is invalid, except “⌚” .

8. Video review:

During monitor, press “⌚” to get into image memory mode. When you see the clock on the top right corner of the screen, press “⏮” again to get into video record mode. Then press “◀” and “▶” to review. When you see “▶” on the top left corner of the screen, means this is video, press “⏮” to play this video.

9. Delete video:

During video reviewing, press “◀” for 3s to delete current video.

10. Time edit:

Under monitor mode, press “⌚” to get into image memory mode. When you see the clock on the top right corner of screen, press “⏮” for 3-4s, you can see menu setup interface. Then press “◀” / “▶” to choose time setup, press “⏮” to enter into this mode.

During time setup, press “◀” / “▶” to change time and date, press “⏮” to confirm and turn to next item. It will automatically exit this mode after setup.

11. Formatting and SD card:

Under monitor mode, press “⌚” to get into image memory mode, when you see the clock on the top right corner of the screen, press “⏮” for 3-4s, you can see menu setup interface, press “◀” / “▶” to choose formatting item, press “⏮” to enter into confirm interface. Then press “◀” / “▶” to choose confirm item, press “⏮” to format.

Remark: 1. For first time using, please format the image memory.

2. For first time using SD card, please format SD card first.

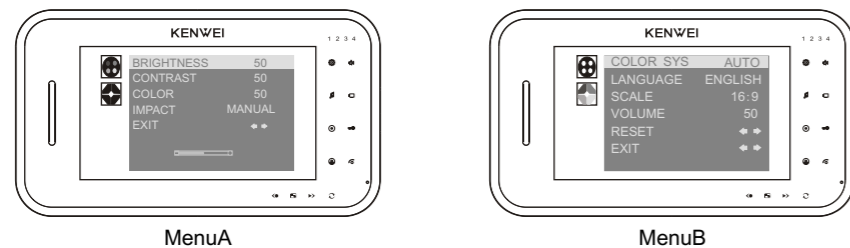
3. During operation on color image memory, please don't take out SD card. If the unit without power supply, the reserved time would be lost no more than 7 days.

Operation

Voice indication

- 1.“DI” at intervals: means monitor A and monitor B have same room number.
- 2.“DI, DI” at intervals: means monitor have communication problem.
- 3.“DI, DI, DI” at intervals: means another door camera is calling.
- 4.“DU” : this function is forbad now.

OSD menu operation



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

Turn on the screen, press “” to enter into OSD menu mode. Press “” to open Menu A, press “” to choose the item you need adjust, press “” or “” to adjust. After choose EXIT item in Menu A, press “” again to open Menu B.

1.Each time enter into monitor / talk mode, the navigation button is default to OSD menu mode.

2. Talk volume adjust:

During talking, press “” / “” to adjust speaker's volume.

Operation

3. Image brightness, contrast and color adjust

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

4. Picture impact adjust

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

5. Color system setup

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

6. OSD menu language setup

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

7. Picture scale setup

Under OSD menu mode, press “” to open Menu B, then press “” to choose scale item. Press “” or “” to choose 16:9 or 4:3.

8. Picture quality reset

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

9. Exit OSD menu

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

Troubles shooting guide

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. ➤ The sub unit is short circuit. 	<ul style="list-style-type: none"> ➤ Check if the power is ON. ➤ Refer to OPERATION point "a. On". ➤ Check if the connection between main and sub unit's power line and ground line are short circuit.
➤ Outdoor unit cannot call.	<ul style="list-style-type: none"> ➤ The connection between indoor and outdoor unit is cut. ➤ The main unit is OFF. 	<ul style="list-style-type: none"> ➤ Check the connection between indoor and outdoor unit. ➤ Refer to OPERATION point "a. On".
➤ Indoor cannot monitor outdoor.	<ul style="list-style-type: none"> ➤ This monitor's room number hasn't setup. ➤ The connection between indoor and outdoor unit have problem. 	<ul style="list-style-type: none"> ➤ Refer to Special function point 3: setup room number (manual), re-setup the room number. ➤ Check the connection between indoor and outdoor unit.
➤ Continual "DI, DI" (under more monitors condition)	<ul style="list-style-type: none"> ➤ Main monitor is OFF. ➤ The connection between main monitor is cut off. 	<ul style="list-style-type: none"> ➤ Refer to OPERATION point 1: ON/OFF ➤ Check the connection between this monitor and main monitor.
➤ Voice is ok, but picture is overlapped or abnormal.	<ul style="list-style-type: none"> ➤ The last monitor's VD-R position is wrong. 	<ul style="list-style-type: none"> ➤ Dial the last monitor's VD-R to ON, others should be OFF.
➤ Voice is ok, but picture is dark or twist. (under more than 2 monitors condition)	<ul style="list-style-type: none"> ➤ Some monitors' VD-R position is ON. 	<ul style="list-style-type: none"> ➤ Dial the last monitor's VD-R to ON, others should be OFF.
➤ Outdoor cannot call indoor, indoor cannot monitor outdoor, and sound "DI, DI" at intervals.	<ul style="list-style-type: none"> ➤ This system don't have main monitor. ➤ Main monitor is OFF 	<ul style="list-style-type: none"> ➤ Initialize monitor, and setup room number. ➤ Refer to OPERATION point 1: ON/OFF
➤ Outdoor can hear indoor, but the voice indoor heard is too small.	<ul style="list-style-type: none"> ➤ Talk volume is too small. 	<ul style="list-style-type: none"> ➤ Refer to OSD menu operation "talk volume adjust", adjust the talk volume to the best quality.
➤ When the system only have 1 indoor monitor, outdoor cannot call indoor, indoor cannot monitor and talk.	<ul style="list-style-type: none"> ➤ This monitor is not the main unit. 	<ul style="list-style-type: none"> ➤ Initialize the monitor, and setup room number to No.1.

Specification

Item	Model	S702C	S702C-W32	S702C-W64	S702C-W200
Screen		7" color TFT			
Power supply		AC100-240 50Hz/60Hz 15W or DC13. 5V/1. 5A			
Connection		In series			
Talk		Hands-free			
Power consumption		13. 5V, 700mA (Max.)	13. 5V, 750mA (Max.)		13. 5V, 850mA (Max.)
CCTV video input		1Vp-p (75 ohm)			
Video output		1Vp-p (75 ohm)			
Optional ring tone		12 chord ring			
Connection wire length and wire requirement		30m	50m	100m	Remark: In order to make sure the best quality, the wire length from outdoor unit to sub unit should be less than 50m.
		RVV4*0.3	RVV4*0.5	RVV4*0.75	
Operation temperature		-10℃ to +55℃			
Optional sub unit		KW-128C, KW-730C, KW-125C, S700C, S701C all of our monitors' with intercom function.			
Optional outdoor unit		All of our 4-wires outdoor camera			