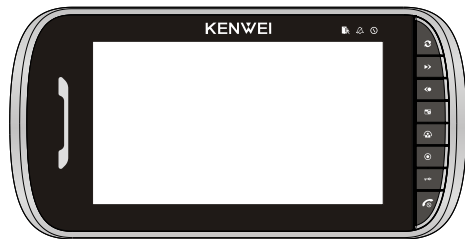


# KENWEI

## 7" COLOR TFT VIDEO DOOR PHONE INDOOR MONITOR



- E703C
- E703C-W32
- E703C-W64

Top Way Intelligent Science Technology Co., Ltd  
[http:// www.kenwei.com](http://www.kenwei.com)

CE FC UL R&TTE RoHS  
ISO9001 ISO14000 OHSAS18000

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## Products introduction

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
- No bother (mute) function
- Kinds of chord ring and dingdong sound (optional) with clear tone
- Support B/W image memory (optional)
- Color, brightness and contrast, etc. adjustable
- 0-100 grade talk volume adjustable



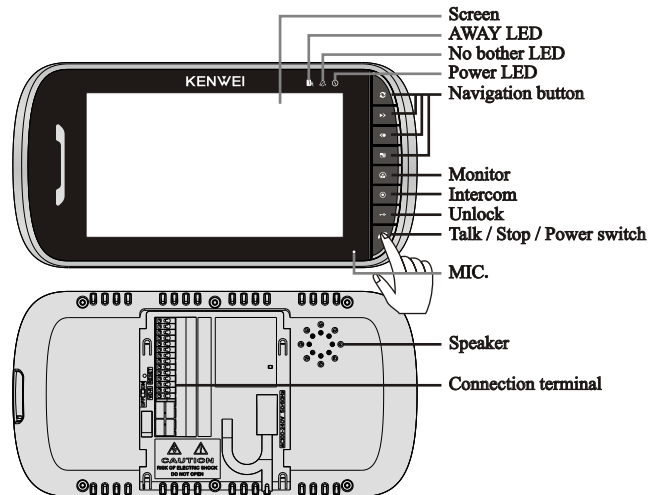
CAUTION: To avoid the risk of electric shock, please don't remove cover or back. Please ask professional person if maintenance needed.



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

\* 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.



## Feature and parts

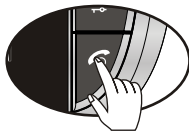


### Remark

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

**1. ON / OFF**

- a. After connecting the power, the unit will enter into standby mode automatically, power LED light on (red). under OFF mode, press “” button (Pic. 1), it will sound DI, means the unit is on and under standby mode, power LED light on.
- b. Under standby mode, press and hold “” (Pic. 1), it will sound DI, till the power LED turn off, then the unit enter into off mode.



Pic. 1

**2. Call remind****a. Door 1 call:**

When Door 1 calls in, indoor monitor will display its image automatically, meanwhile sound the ring. (under no bother mode, the unit will not sound ring.)



**b. Door 2 call:**

When Door 2 calls in, indoor monitor will display its image automatically, meanwhile sound the ring. (under no bother mode, the unit will not sound ring.)

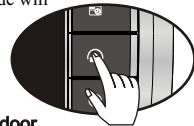
**c. Intercom:**

When monitor calls extension unit, they will sound “DONG LONG DONG” at intervals.

**3. Monitor / Exit**


- a. Under standby mode, press “” button (Pic. 2) to monitor Door 1, the monitor mode will last 90s then back to standby mode.
- b. Under Door 1 monitor mode, press “” button (Pic. 2) to monitor Door 2, the monitor mode will last 90s then back to standby mode.

**Remark: under monitor mode, only picture without voice, and cannot open the door.**




Pic. 2


**4. Talk / Stop****a. Call and talk**

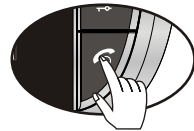
When outdoor camera calls in, monitor will sound the ring, press “” button (Pic. 1) to enter into talk mode.

**b. Monitor and talk**

Under monitor mode, press “” button (Pic. 1) to enter into talk mode.

**c. Stop**

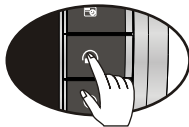
Under talk mode, press “” button (Pic. 1) to stop talk and back to standby mode. Or after 90s, it will automatically stop.



Pic. 1

**5. Switch outdoor camera (under talk mode)**

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



Pic. 2

**6. Unlock**

Under talk mode, press “🔑” button (Pic. 3) to open the door.



Pic. 3

**7. Ring select**

Under standby mode, press “◀” or “▶” button (Pic. 4), the unit will sound the current ring. Each time you press these two button, the unit will sound different ring.

After choose, press “🔔” button (Pic. 1) or wait 15s to automatically stop and reserve the current ring.

The ring you choose is for Door 1. Its next ring is default to Door 2.

**Remark: After power off, the ring is default to DING DONG.**

**Intercom ring is “DONG LONG DONG” at intervals, and cannot be changed.**



Pic. 4



Pic. 1

**8. Ring volume select**

Under ring select mode, press “🔊” button (Pic. 5) to change the ring volume.



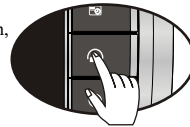
Pic. 5

**9. No bother function**

**No bother setup / Exit (for main monitor)**

a. Under standby mode, press and hold “📷” button (Pic. 2), no bother LED light on, the unit sound DI, means it is under no bother mode.

b. Under standby and no bother mode, press and hold “📷” button (Pic. 2) till no bother LED turn off, and the unit sound DI DI, means it has exited no bother mode.



Pic. 2

**No bother setup / Exit (for extension unit)**

a. Under standby mode, press and hold main monitor's “🔔” button (Pic. 6), the unit sound DI, means the extension unit is under no bother mode.

b. Under standby and no bother mode, press and hold main monitor's “🔔” button (Pic. 6), the unit sound DI DI, means the extension unit has exited no bother mode.



Pic. 6

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

a. Under standby mode, press “🔄” button (Pic. 7), when AWAY LED light on, means the unit is under away mode.

b. Under standby mode, press “🔄” button (Pic. 7), when AWAY LED turn off, means the unit has exited away mode.



Pic. 7

**11. Navigation mode**

Under monitor or talk mode, the navigation button is default to OSD menu.

Press “↻” button (Pic. 7) to switch between OSD menu and image memory.



Pic. 7

**12. Intercom**

**a. Main monitor call extension unit**

When the extension unit under standby mode, press main monitor's “☎” button (Pic. 6), both main monitor and extension unit sound “DONG LONG DONG”. Pickup extension unit's handset to enter into talk mode.

If it doesn't pickup handset, press main monitor's “📞” button (Pic. 1) to stop ring, press again to exit calling mode and back to standby.



Pic. 6

**b. Extension unit call main monitor**

When the main monitor under standby mode, pickup extension unit's handset and press “☎” button (Pic. 6), both main monitor and extension unit sound “DONG LONG DONG”. Press main monitor's “📞” button (Pic. 1) to enter into talk mode.



Pic. 1

**13. Call transfer (suitable for the monitor with extension unit)**

When monitor is talking with outdoor camera, press main monitor's “☎” button (Pic. 6), main monitor / extension unit and relevant outdoor camera will sound the ring. If extension unit pick up handset, then it will talk with outdoor camera.

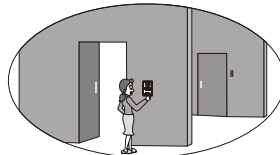


Pic. 6

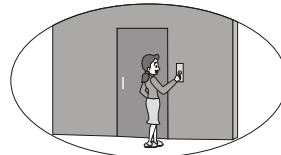
**14. 2nd door calling (optional)**

a. 2nd door calls in, the monitor will sound “DING LING DING LING” .

b. When the monitor is under monitor, talk or intercom function, and 2nd door calls in, it will not sound the ring. But the screen will flash “😊” .



Outdoor camera calling



2nd door calling



## Introduction for B/W image memory

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 15s.

### 4. Time display and edit

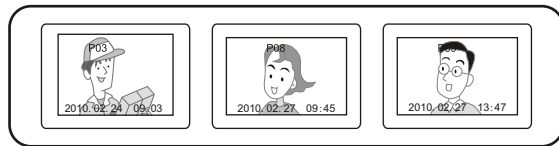
During image memory operation, the screen will show the time. You can edit the time and date. No time display under normal monitor mode.

### 5. Away management

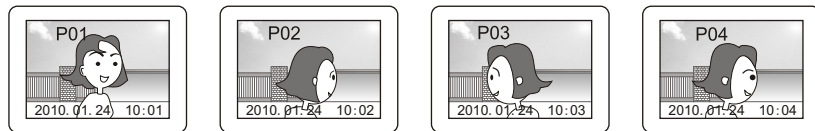
When the unit is under away mode, the system will automatically record the picture of each calling.

## Operation for B/W image memory

1. Under away mode, the system will automatically enter into monitor mode if somebody calls in, and record the picture. After users come back, turn on image memory mode, and review the recorded picture by pressing “▶▶” button.

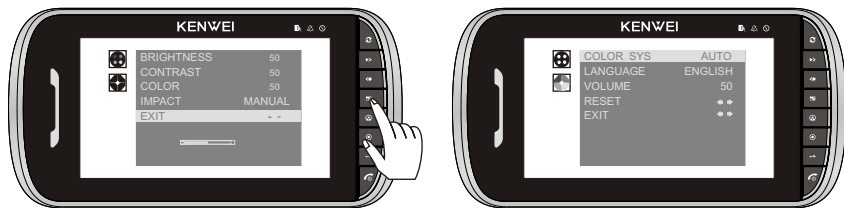


2. Under monitor and image memory mode, press “◀” button to record the picture with time, max. to 32 or 64pcs. Over that, the system will automatically cover the oldest one.



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

**Remark: the unit will lost all of the recorded pictures after power off.**



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

Turn on the screen, press “” button to enter into OSD menu mode. Press “” to open Menu A, press “” to choose the item you need adjust, press “” and “” to adjust. After choose EXIT item of 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. Press “” or “” to adjust the talk volume.

## 2. 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.

## 3. Picture impact adjust

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

## 4. 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.

## 5. 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.

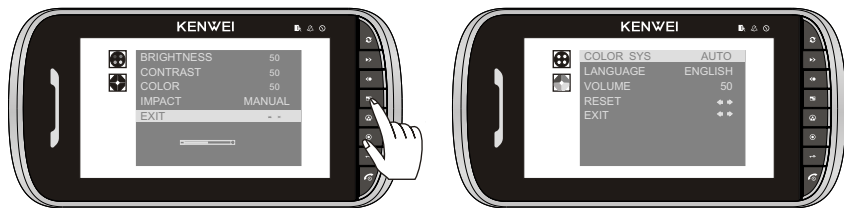
## 6. Picture scale setup

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





## 7. 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.





**8. Exit OSD menu**

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

Problem	Possible reason	Solution
<ul style="list-style-type: none"> <li>➤ Totally cannot work.</li> </ul>	<ul style="list-style-type: none"> <li>➤ The unit haven't connected power.</li> <li>➤ The unit is under OFF mode.</li> <li>➤ The extension unit is short circuit.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Check if the power is ON.</li> <li>➤ Refer to OPERATION point “a.ON” .</li> <li>➤ Check if the connection between main and extension unit's power line and ground line are short</li> </ul>
<ul style="list-style-type: none"> <li>➤ Outdoor unit cannot call.</li> </ul>	<ul style="list-style-type: none"> <li>➤ The connection between indoor and outdoor unit is cut.</li> <li>➤ The main monitor is OFF.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Check the connection between indoor and outdoor unit.</li> <li>➤ Refer to OPERATION point “a.ON” .</li> </ul>
<ul style="list-style-type: none"> <li>➤ Outdoor can hear indoor, but the voice from outdoor is too small.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Talk volume is too small.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Refer to OSD menu operation “talk volume adjust” , adjust the talk volume to the best quality.</li> </ul>
<ul style="list-style-type: none"> <li>➤ No bother LED flash.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Extension unit's handset is not hanging up well.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Hang up the handset.</li> </ul>

**Specifications**

Item \ Model	E703C	E703C-W32	E703-W64	
Screen	7" color TFT			
Power supply	AC100-240 ~50Hz/60Hz 15W or DC13.5V/1.5A			
Connection with extension unit	In series			
Talk	Hands-free			
Power consumption	13.5V, 500mA (max.)	13.5V, 500mA (max.)	13.5V, 500mA (max.)	
Optional ring tone	Chord ring / Ding Dong			
Connection wire length and wire requirement	30m	50m	100m	Remark: in order to make sure the best quality, the wire length from outdoor camera and extension unit should be less than 50m.
	RVV4*0.3	RVV4*0.5	RVV4*0.75	
Picture system	AUTO, PAL, NTSC		Remark: refer to OSD menu operation item 4.	
Operation temperature	-10℃ to +55℃			
Optional extension unit	KW-111 or KW-1121			
Optional outdoor camera	All of KENWEI 4-wires outdoor camera			