2-WIRE INTERCOM SYSTEM

USER MANUAL

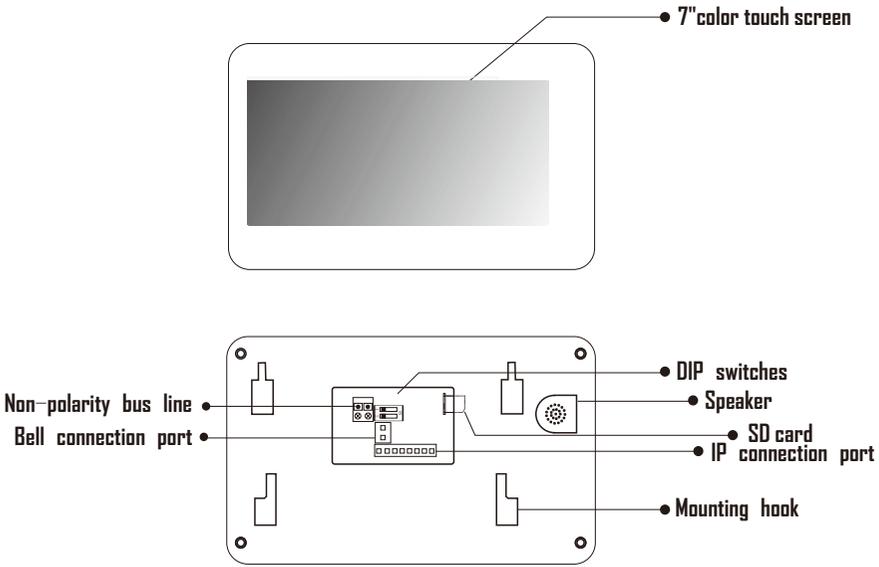

Please read this manual carefully before using the product, and keep it well.

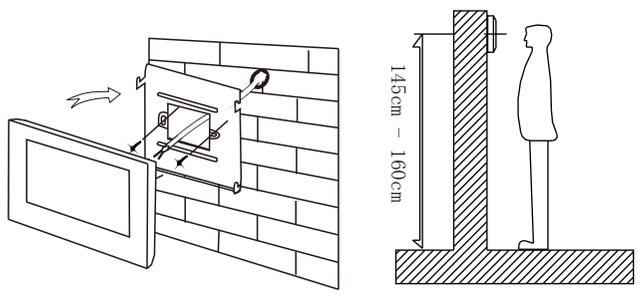# 1.Parts and functions

7"color touch screen

DIP switches

Non-polarity bus line

Speaker

Bell connection port

SD card

IP connection port
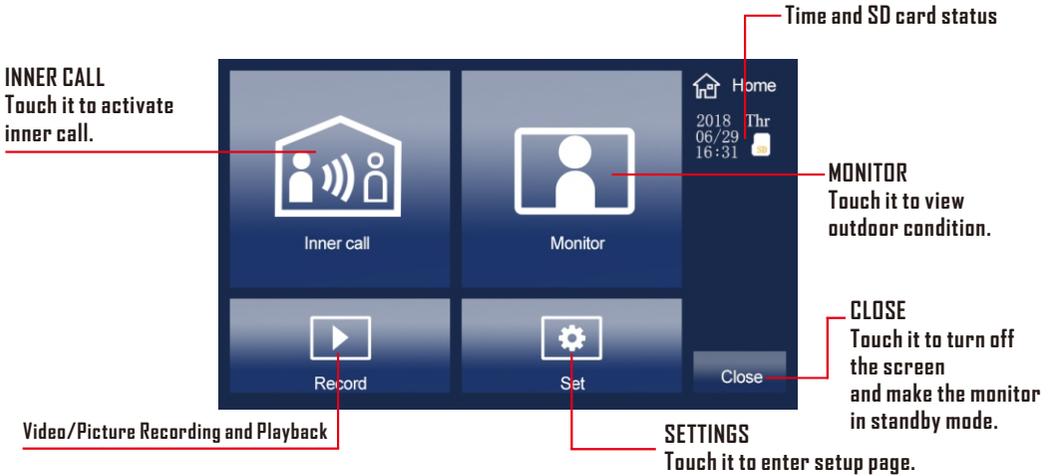
Mounting hook

2.Monitor mounting

145cm – 160cm

Using the screws to fix the mounting bracket on the wall.
Connecting the system correctly, then hang the monitor on the mounting bracket firmly.

3.Main menu

The main menu is your starting point for using all the applications on your monitor. Touch anywhere of the screen on monitor in standby mode, the main menu page will be shown as follows:

Time and SD card status

INNER CALL
Touch it to activate inner call.

Home
2018 Thr
06/29
16:31

Inner call

Monitor

MONITOR
Touch it to view outdoor condition.

CLOSE
Touch it to turn off the screen and make the monitor in standby mode.

Record

Set

Close

Video/Picture Recording and Playback

SETTINGS
Touch it to enter setup page.

4.Room monitor and door station intercom page

4.1 Touch icon on screen begin commu - nicating hands free with the visitor for 90 seconds, the conversation time can be adjust on setting page. Touch to end the conversation and enter standby mode.

4.2 When there is a call from a video door station, the ringing time is the song time which you have selected,If nobody answers the phone,it will be turned off automatical- ly after 90 seconds.

4.3 While communicating with the visitor, touch the door unlock, if need to set the unlock time,please refer to the door station descriptions.

Video/Audio redording notice

Photography notice

Door station and Extra camera name

Time and SD card status

CAM1
2017 Thr
06/29
16:31

Answer

Switch camera

Function

Close

4.4 If there is extra camera, Touch can switch the monitor view bettween the door station camera and extra camera.

4.5 Touch for more funtions setting.
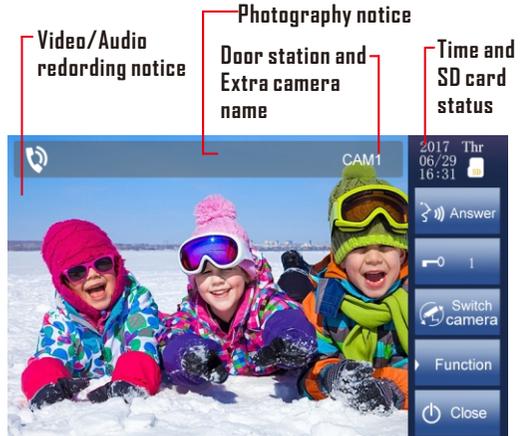
4.6. Touch 📷 will start taking pictures, there will come out photo small icon notice, when select SD card storage location, the picture will be saved in the SD card, when select internal storage location, the picture is stored in the flash storage.

4.7. Only when insert the SD card and select SD card as the storage location, the video function can working,touch 🎥 will start taking video, touch 🎥 again to close the video,there will come out video recording small icon notice.

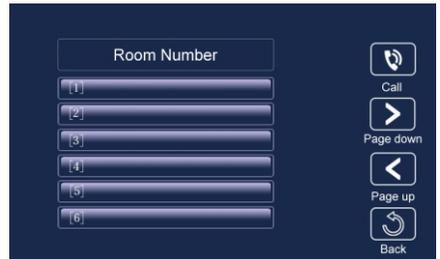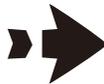4.8. Touch ◑ adjusting images, details refer 10.1 section.

4.9. Touch 🔊 adjusting voice, details refer 9.1 section.

4.10. Touch ↻ to enter last list page.

5.Inner call function

5.1 Touch 🏠 on the main menu, enter inner call page to choose room NO.

5.2 Touch ❯ ❮ choose last/next page, touch 🕻 start calling.

5.3 During inner call, touch ⟨icon⟩ answer, touch ⟨icon⟩ cut off.

Shows the caller and the called room number

MON02<<<<<<<<<<< MON01

5.4 This is the answering page, when answer the call, will take recording.

Audio redording notice

Shows the caller and the called room number

MON02<<<<<<<<<<< MON01

On the line

6.Monitoring

Touch 🔲 icon on main menu page to enter monitor select page, choose door station and extra camera.

7.Picture/video/audio

7.1 Taking picture and video
7.1.1 The room screen can take picture or video automatically or manually, original setting is take picture /video automatically. 3 seconds after conversation start it will start recording video automatically. Touch 📷 🎥 can change to manually mode.

7.2 Audio record
7.2.1 Room monitor will take audio record in this 2 situation:
    1.Monitor to monitor call.
    2.When select SD card as the storage location, door station to monitor call.

7.3 Video/Picture/Audio Playback
7.3.1 Touch 🔲 enter playback page to select Audio/Video/Picture playback.

7.3.2 Touch [<] [>] select next/last object. Touch [II] for seconds pause, touch [▶] continue. Touch [🗑] delete the object. Touch [↺] enter to last page.

Note:
1. We must format the SD card by the computer before insert it into the room monitor. Details refer 12.2 section.
2. Only when insert the SD card and select SD card as the storage location, then can take picture and video.
3. Audio/ video record time can be adjust, original setting video is 64M, audio is 16S.
4. Without the SD card, the monitor could store 6 pictures and 2 audio only.
5. Only support SD card more than 4M/s.
6. Up to 32G micro SD card.

8.Ringtone setting

Touch [⊘] enter ringtone setting page, select the the door station of which need to change ringtone, select the ringtone, touch [✓] save and extic, touch [✗] cancel the setting. Orininal setting is 16 pieces ringtone, can change as customer request.

The equiment name which need to change ringtone

Ringtone list
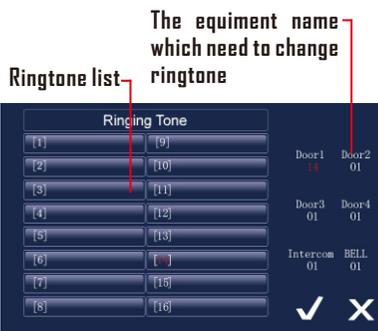
9.Adjusting the volume

Touch 🔊 enter volume adjusting page.
Day time (8:00-20:59) ringing valume adjusting range is 0- 10.
Night time(21:00-7:59) ringing valume adjusting range is 0- 10.
MIC and speaker valume adjusting range is 0-15.

Day Ringing Volume	⊖	06	⊕
Night Ringing Volume	⊖	05	⊕
Speak Volume	⊖	11	⊕
Mic Volume	⊖	11	⊕
Back Tone Volume	⊖	05	⊕ Close

10.Adjusting screen

Touch ☀ adjust the brightness of the screen ,the range is 0~12, touch - or + to change the level.
Touch ◑ adjust the color of the screen, the range is 0~12,touch - or + to change the level.
Touch ◓ adjust the contrast of the screen, the range is 0~12,touch ⊟ or ⊞ to change the level.

Brightness
Contrast
Color
Back

11.Time setting.

Touch 🕐 enter time setting page,roommonitor is 24 hours time format .If input wrong format then setting fail,touch ▼ ▲ to adjust.
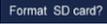
2017– 06– 29 18: 09

Close

12.SD card parameter setting

12.1 Touch [icon] enter SD card para-
meter setting page, then touch [icon]
to select storage location.
Note: Without SD card but select SD
card storage can not store
documents.

Save SD Card ☐

Save Flash ☑

Save Location

Format

Info

Close
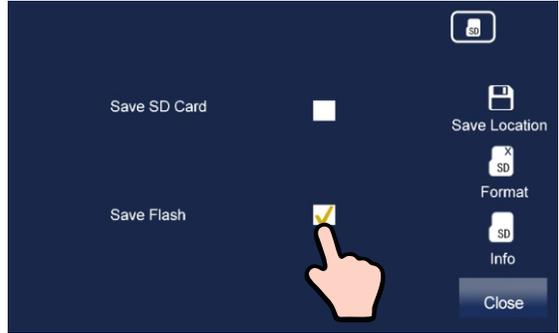
12.2 Touch [icon] , the left side will
show Format SD card? ,touch Format SD card?
will format the SD card. We must
format the SD card before the first
time using the SD card.

Format SD card?

Save Location

Format

Info

Close

12.3 Touch [icon] the left side show SD
starage information and availa-
bl capacity for SD cards and
flashstorage.

sdcard:
  Picture: 77/1023
  aumsg: 1/64
  video: 68/113

nor flash:
  picture: 1/06
  aumsg: 0/02

Save Location

Format

Info

Close
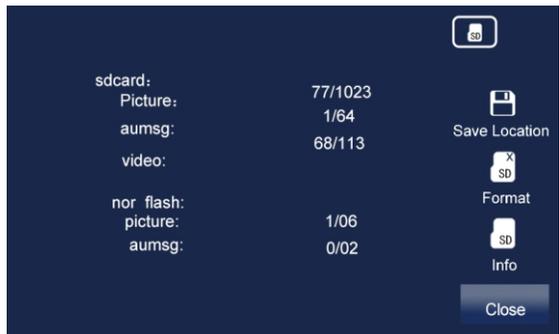
13. Personalized setting

Touch 📞 enter personalized setting page, you can choose automatically photography and video recording or not,inner call disable or not, and set conversation time.Original setting is automatically photography and video recording, conversation time 0-180 seconds.

|	
Automatic video recording	✓
Automatic photography	☐
Intercall disable	☐
Do not disturb	☐
Monitor time set	⊖ 90 S ⊕
Ring time	⊖ 20S ⊕ Close

14.Room monitor ID setting

Touch 🏠 enter room monitor ID setting page.
when one monitor ID have only one monitor, the monitor should set to master mode. When one monitor ID have more than one monitor, one of the monitor set to master mode, others monitor set to slave mode.

The Monitor ID

0 1

These Monitors have to use the same monitor id, and the Master/Slave mode should be set on the Monitor.

◄ Master ► ✓ ✗

15.Language

Click on 🌐 to enter the multi-language selection interface, to t -he ▲ language you are using, click Close to save selected language and exit, there are eight co -untries to choose from languages,according to customer reque- st will add more languages.

English ▲	German	Itaian
Spanish	Greek	French
Russian	Turkish	

Close
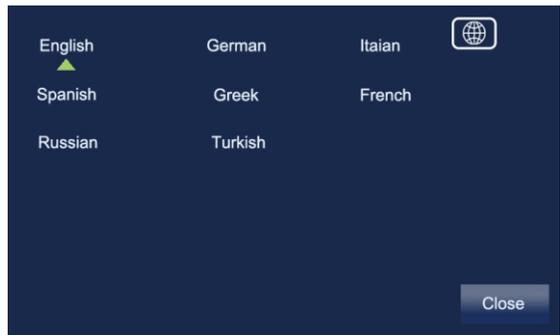
16.Setting

Click 《 icon on the setting page jump to others setting options.
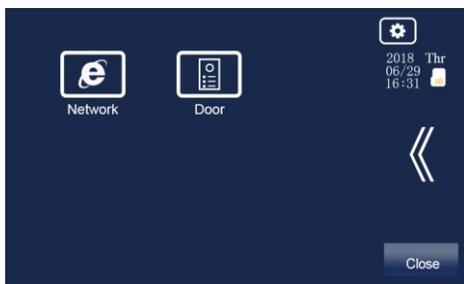
17.Network

Choose network call transfer option on the net page, it can also adjust the voice of the network transmission mic and speaker.
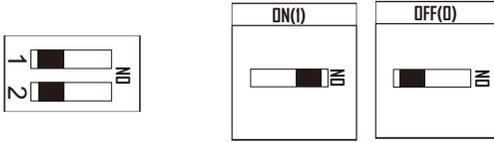

18.Door station and extra camera

Set the quantity of door station and extra camera on the door page so that switch to see the door station and extra camera. Default setting is 1 door station, no extra camera.

19.User codes (monitor bit codes) setup

Bit-1 is the line-terminal switch,Last monitor to ON,other set OFF.
Bit-2 is to turn the ringtone at the door station to ON/OFF.

Bit state	Setting	Bit state	Setting
	Monitor NOT at the end of the line		Monitor at the end of the line

20. IP wiring diagram:

IP module can be added to **PA7W**, and the connection diagram is as follows:

PL702-1

85-260AC

PL868-7

Router

Power Supply

IP Module

UTP5E

Mobile phone
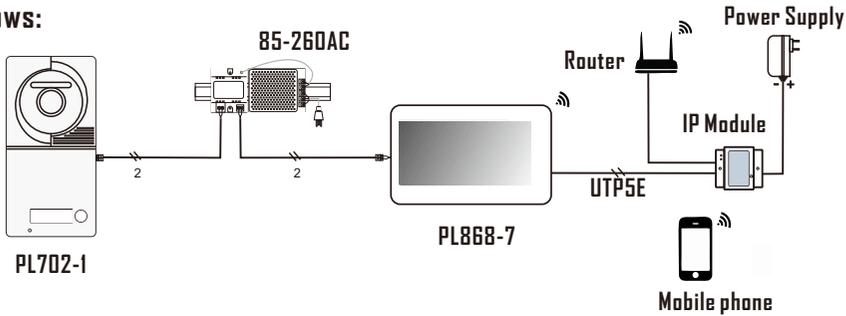
21. Specification

Power supply:	DC 24V (supplied by adaptor)
Power consumption:	Standby 15mA, working 350mA
Wiring	2 wires, non-polarity

The design and specifications can be changed without notice to the user. Right to interpret and copyright of this manual are preserved.