



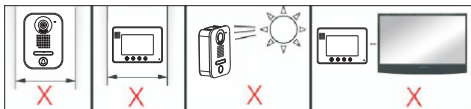
For 4-wire villa system

# USER MANUAL

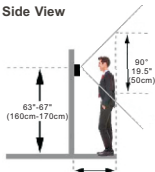
Multi-door video entry system

# Remote Installation Notes:

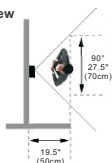
- The proper height of indoor monitor or outdoor station is between 63"-67"(160-170cm) from the ground. This may vary on each installation. View range should be actively tested before complete.
- Viewing window of door camera is about 19.5" (50cm) vertically and 27.5" (70cm) horizontally.
- Narrow space may cause feedback echo on monitor voice function.
- Direct sunshine can cause blurry or ghost - like picture on monitor.
- Installing units too close to electrical lines/dimmers/ballasts/or other electrical devices may cause audio and/or video interference.



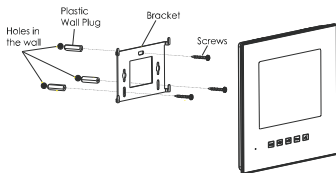
Side View



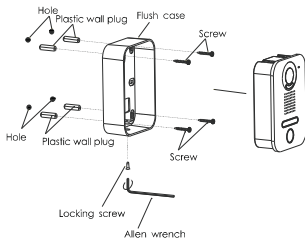
Top View



## Indoor Monitor



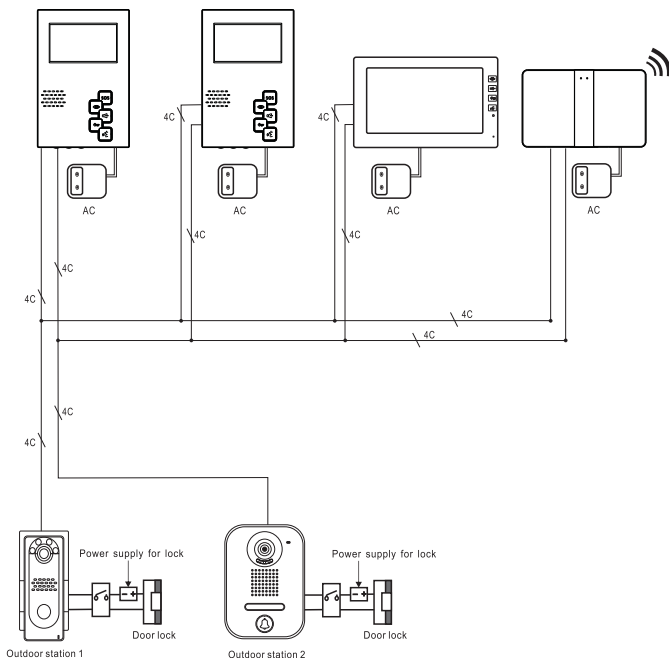
## Outdoor Station



# 4-WIRE VILLA SYSTEM CONFIGURATION DIAGRAM

## FOUR MONITORS WITH TWO ENTRANCES

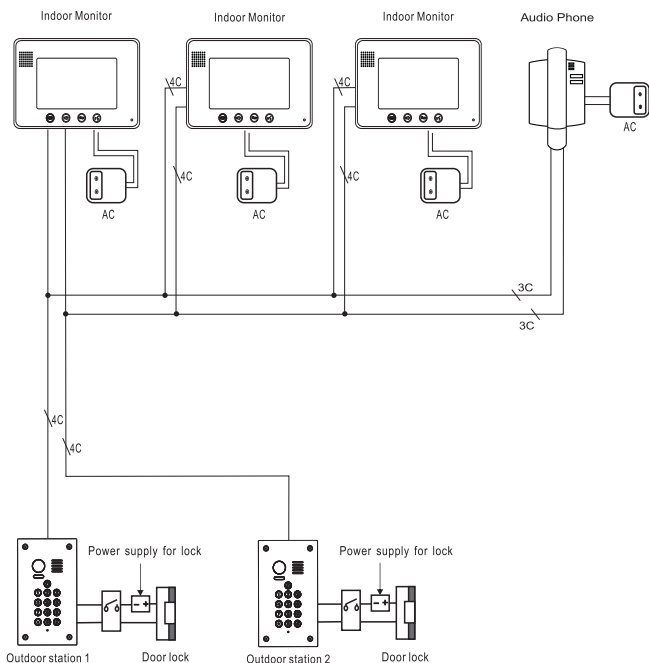
Indoor Monitor with external power supply



# 4-WIRE VILLA SYSTEM CONFIGURATION DIAGRAM

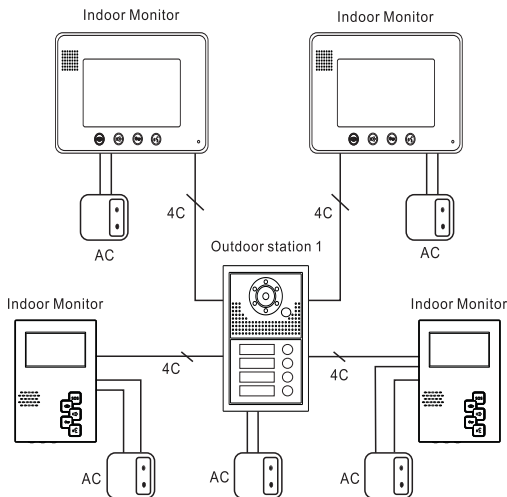
## FOUR MONITORS WITH TWO ENTRANCES

Indoor Monitor with external power supply





# 4-WIRE VILLA SYSTEM CONFIGURATION DIAGRAM

## MULTI-BUTTON OUTDOOR WITH MONITORS



### **⚠ Important**

1.If you want to connect indoor monitor to multi-button outdoor station  
Keep pressing  on indoor monitor 3 seconds, when you hear a long sound "di", means change mode success.

2.If you want to connect indoor monitor to one call button outdoor station  
Keep pressing  on indoor monitor 3 seconds, when you hear a long sound "ding-dong", means change mode success.

3.How to use J1 & J2 jumper on backside of indoor monitor Master  
Monitor Jumper

J1=ON for 1<sup>st</sup> monitor in Loop, OFF all other items.

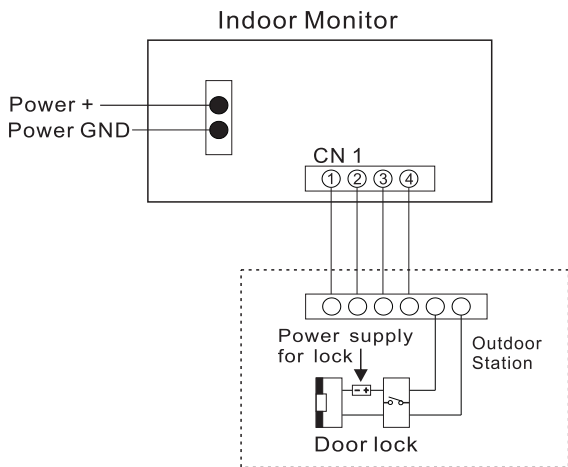
Video Termination-IMPORTANT

J2=ON for Last monitor in Loop, OFF all the items.

# SYSTEM DIAGRAM

## ► Wiring connection

1. Audio
2. GND
3. -V+
4. Video











## NOTES:

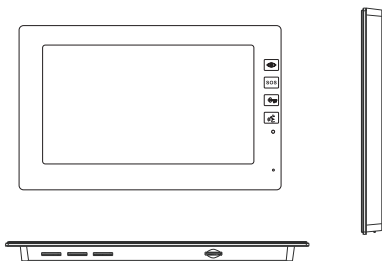
1. Maximum 3 Indoor Monitors and 1 Outdoor Station .
2. Parallen connection.
3. Each monitor is individually powered.
4. Cables of system: wire  $\geq 0.5 \text{ mm}^2$  , from outdoor station to the farthest indoor monitor distance  $\leq 70\text{m}$ .

# Specification

Power	DC 12V 1A (12W)
Illumination(minimum)	0.1 LUX
Communication duration	120s
Communication method	Duplex communication
Working temperature	-25℃ ~+65℃
IP rating	55

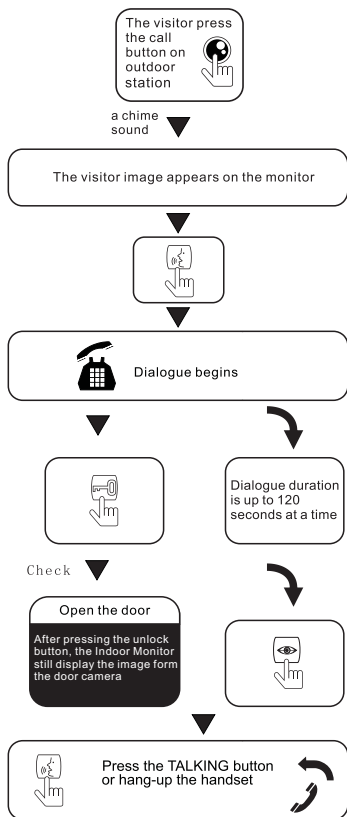
No.	Icon	Description	No.	Icon	Description
①		Monitoring	⑥		Brightness
②		Unlocking	⑦		Chroma/contrast
③		Talking	⑧		Transferring
④		Talking volume	⑨		Ringling volume
⑤	SOS	SOS alarm			



## Product Views



# OPERATION

## ► Visitor calls

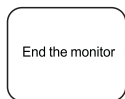
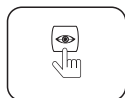


\* Press  at anytime, the Indoor Monitor will show the image from the door camera automatically. Press  to have communication with the visitor.



## ► MONITOR

---












\* This function is to see the image from the door camera.












\* How to send SOS alarm:

Under monitoring or when talking with visitors, press SOS to send alarm, stop SOS alarm by pressing any button for 1 second, then press any button to exit.




## Picture Memory Function

- In calling mode, Pictures are taken & stored automatically in monitor image memory.
- To check image: In standby mode press  (  page up,  page down)
- To delete single image: Press  & confirm
- To delete all images: Press  for 3 seconds. Press  multiple times to select "Delete All"
- Press  to select "Photo" & Press  delete all photos.
- Press  to Exit.

## Video Recording & check function

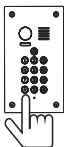
- SD card is required to store videos
- To record Video: In call from door camera status or manual door camera monitor status, press  for 3 seconds. Press  to select "Video" then press  to start recording.
- When visitor call, monitor will take an video automatically , and save in SD card. Max allow 32G SD card .
- To play recorded Video: In standby mode, press  for 3 seconds. Press  multiple times & select "Play", and then press  to play. Press  to exit.
- Delete all videos or photos: Press  for 3 seconds. Press  multiple times to select "Delete All" Press  , Select Video & press  , It will display 

Format
Yes
No

 Then press  , Select "yes" & then press  to delete all saves videos. Press  to Exit.
- SD card can be used in PC/Laptops for watching video or deleting videos.

# Operations for keypad door station

---



## Attention

- 1.The default program password is 1234.
- 2.Each keypad door station allow 40 groups use passwords to unlock door.
- 3.The password to enter programming mode, we call it programming password.The password to open the door, we call it user password.

## Modify the programming password

- 1.Power off, press \* and keep holding, switch on the power.After 3 seconds, heard DiDiDi...release \* button.
- 2.Enter 4 digits as new programming password, a long Di sound, means success. (2-6 digits allowed),the length same as original code)
- 3.Press \* to exit.

## Setting the length of password

- 1.Enter programming mode (\*1234), a long Di sound.
  - 2.Press 99, a long Di sound, then enter digits from 2-6 , a long Di sound again means set success.
  - 3.Press \* to exit.
- (Attention: after change length of password, all passwords were cleared out. e.g. length of password set as 3, then programming password will be 123.)

## Enter programming mode

- 1.Press \* (a Di sound ), enter 4 digits programming password(2-6 digits allowed, default programming code is 1234). After a long Di sound, it says enter the programming mode.
2. It'll exit the programming mode within 30 seconds without any operations (DiDiDiDi sound means exit).
- 3.Press \* to exit.

## Set unlocking time delay

Factory default unlock delay is 1 second.

- 1.Enter programming mode (\*1234), a long Di sound.
- 2.Press 00, a long Di sound , enter 2 digits(from 01-99)as unlock time. After a long Di sound , it says set success.
- 3.Press \* to exit.

## **Delete one user password(input position)**

- 1.Enter programming mode (\*1234), a long Di sound.
- 2.Enter 2 digits position from 01-40, a long Di sound.  
Press # , another Di sound again. means delete it.
- 3.Press \* to exit.

## **Delete user password(input user password)**

- 1.Enter programming mode (\*1234), a long Di sound.
- 2.Press # , DiDi sound, enter that 4 digits password you want to delete (can be 2-6digits). After a long Di sound, means deleting success.
- 3.Press \* to exit.

## **Delete all settings**

- 1.Enter programming mode (\*1234), a long Di sound.
- 2.Press # , DiDi sound, press # one more time, a long Di sound, press # 7 times, after 3 seconds, a long Di sound , means deleting success. After that, the unlock time delay changes to 1 second , and clear out all user passwords, but programming password no change(1234).
- 3.Press \* to exit.

## **Restore factory mode**

Switch off power , press # and keep holding, switch on the power.  
After a long Di sound , release #, means restoring success.  
The default programming password is 1234 , and clear out all the user passwords.

## **Add user passwords**

- 1.Enter programming mode (\*1234), a long Di sound.
- 2.Enter 2 digits position from 01-40, a long Di sound.
- 3.Press 4 digits password(2-6 digits),after a long Di sound, means add success.
- 4.Press \* to exit.

Attention:each door station keypad have 40 positions(01-40), each position allow one password.Position 31-40 cant set unlock delay, beacuse there're used for dry contact lock(NO/NC).