

2 WIRE INTERCOM SYSTEM

FVI-7004 KIT & FVI-7008 KIT

Quick Guide



FVI-7013



FVI-7014



FVI-7018

Please read this manual carefully before using the product you purchase, and keep it well for future use. We reserve the right to modify the specification in this manual at any time without notice.

1. Product Lists Of Kits

FVI-7004 KIT consists of:

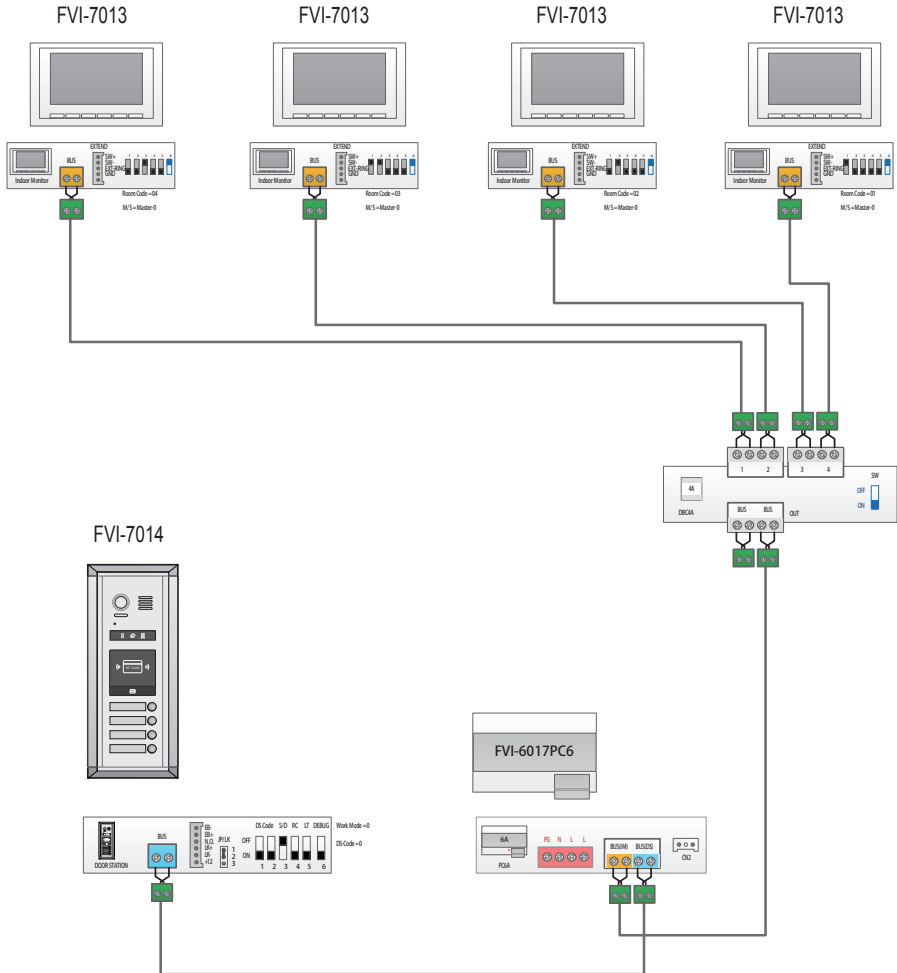
- 1*Outdoor Station- FVI-7014;
- 1*Surface Box- FVI-7000;
- 4*Indoor Unit- FVI-7013;
- 1*4 Branch Controller- FVI-6011DBC4A;
- 1*Power Supply- FVI-6017PC6;
- 1*Power cable;
- 4*Proximity Cards;
- 2*Management Cards- Add Card & Delete Card.

FVI-7008 KIT consists of:

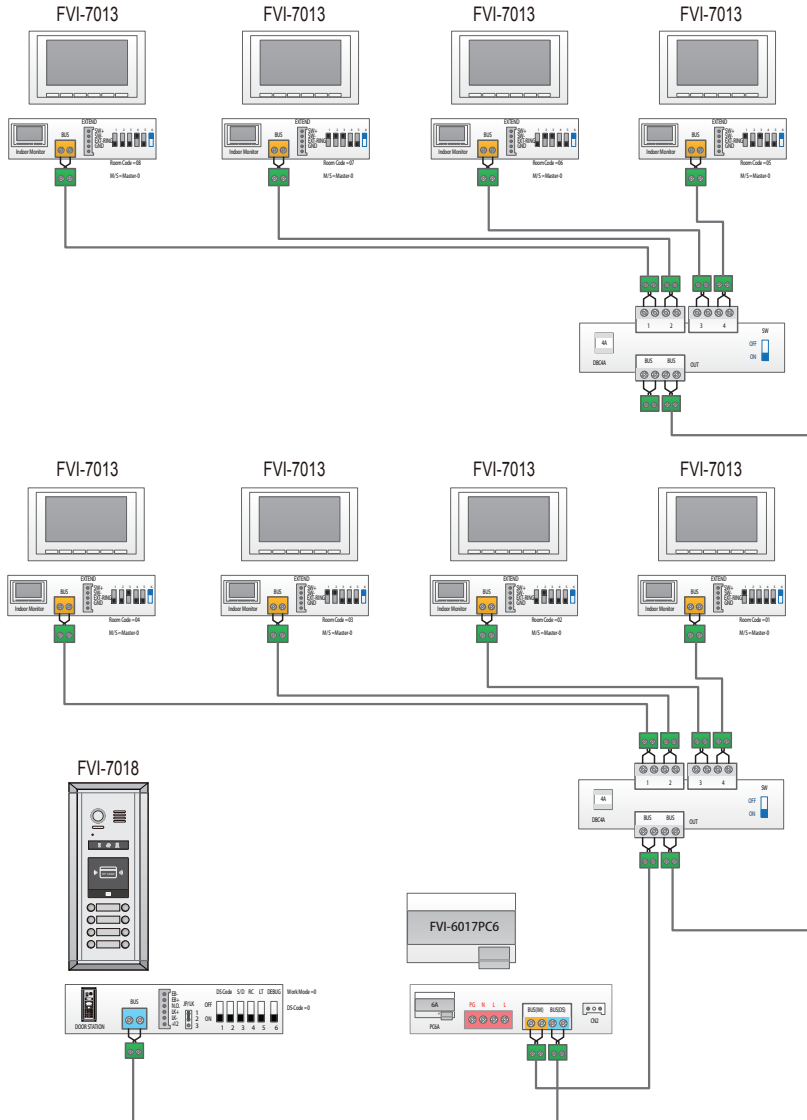
- 1*Outdoor Station- FVI-7018;
- 1*Surface Box- FVI-7000;
- 8*Indoor Unit- FVI-7013;
- 2*4 Branch Controller- FVI-6011DBC4A;
- 1*Power Supply- FVI-6017PC6;
- 1*Power cable;
- 8*Proximity Cards;
- 2*Management Cards- Add Card & Delete Card.

2. System Connection

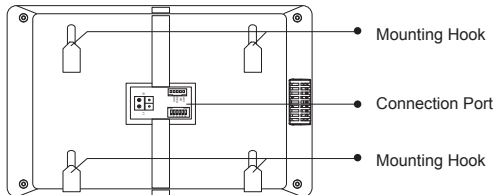
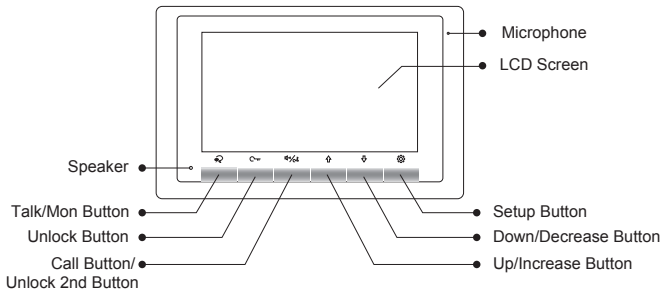
1 pcs FVI-7014 with 4 pcs FVI-7013



1 pcs FVI-7018 with 8 pcs FVI-7013

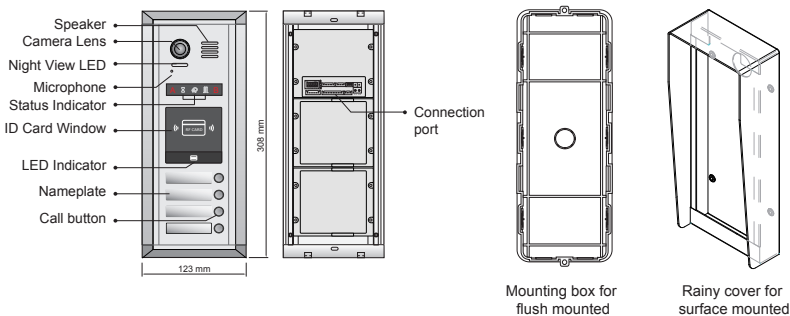


3. Parts and Functions



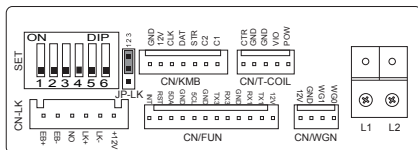
Key functions

Microphone	Receive voice from the user.
LCD screen	Display the visitors' image.
Setup button	Press to select the setting item you want.
Down/Decrease button	Press to decrease the value.
Up/Increase button	Press to increase the value.
Speaker	Send out voice from the visitor.
Talk/Mon button	Press to communicate hands free with visitor; Press to view the outdoor condition in standby mode.
Unlock button	Press to release the door
Call button/Unlock 2nd button	In standby mode, pick up handset, then press Call button to activate the inner call; During calling/talking state, press Unlock 2nd button to release the second door.
Mounting hook	Use to hang up the monitor.
Connection port	Bus terminal.



Note: Key A and key B will not be seen on the panel, they are cryptic. About activating key A and key B, please refer to Part 5.

4. Terminal Description For Outdoor Station



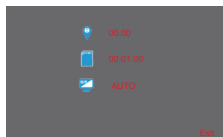
- **+12V:** 12VDC power output.
- **LK-:** Power ground.
- **LK+:** Common contact of the relay.
- **NO.:** Normally open contact of the relay
- **EB+:** Exit button positive connection port.
- **EB-:** Exit button negative connection port.
- **JP-LK:** For electronic lock safety type setting (refer to door lock connections).
- **SET :** DIP switches for system configurations.
- **CN/KMB:** Call button module connection port.
- **CN/T-COIL:** Reserved.
- **CN/FUN:** Touch sensor keypad module or TFT display module connection port.
- **CN/WGN:** Card reader module connection port.
- **Bus(L1,L2):** Non-polarity bus line, connect to FVI-6017PC6 (power comb unit).

6. Indoor Unit Parameter Setting

How to enter the installation setting page



1. Press **About** button on main menu page.



2. Press and hold **UNLOCK** button for 3s.



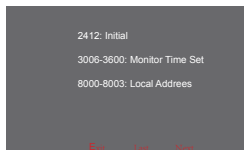
3. Use / button to increase / decrease the value; use button to select next digital.

How to know the machine code

When you want to set the monitor parameter, you must to know the setting code.



Press **?** button on this page.



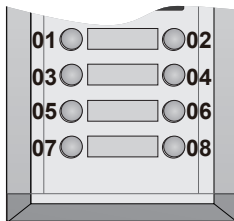
Use / button to search the code you want.

7. Call codes

The door station automatically assigns the call codes to the connected module's buttons. Regardless of the structure of the call button module, the button numbers are listed from the top to bottom and from left to right (in the case of double row buttons):

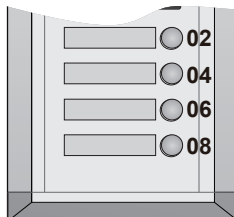
In the case of double row buttons:

- DIP3 switch set to off

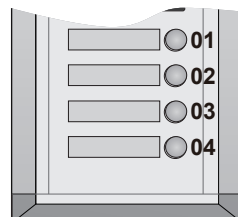


In the case of single row buttons:

- DIP3 switch set to off



- DIP3 switch set to on



8. Basic Door Release Operation

1. Press **CALL** button on outdoor station, the Monitor rings, at the same time, the screen displays the visitors' image.
2. Press **TALK/MON** Button on monitor, you can communicate hands free with the visitor for 90 seconds. After finishing communication, press **TALK/MON** button again to end the communication. If nobody answers the phone, the screen will be turned off automatically after 40 seconds.
3. During talking state, Press **UNLOCK** Button to open the door for the visitor.(if two locks are connected to door camera, press **unlock 2nd** Button to release the second lock)
4. When the monitor is in standby mode, press **TALK/MON** Button, or press **Monitor** button on main menu, the screen can display the view of outside. At this time, if multi door stations are installed, you can use **↑ / ↓** Button to switch the door station or CCTV camera you want.

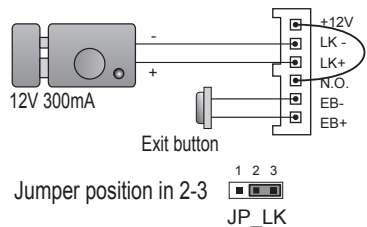


9. Electric Lock Connection

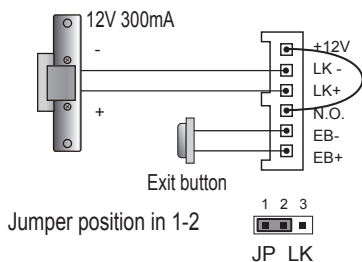
1) Door Lock Controlled with Internal Power

1. The door lock is limited to 12Vdc, and holding current must be less than 250mA when using internal power supply mode.
2. The **Unlock Mode Parameter** must be set to 0 (by default).
3. Jumper set to 1-2 position for power-off-to-unlock safety type(*Normally closed mode*); set to 2-3 position for power-on-to -unlock type(*Normally open mode*).
4. If different unlocking time is needed,change the unlock time on door station,detail information refer to DT system technical guide .

Power-on-to-Unlock type:



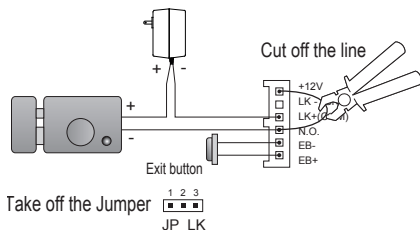
Power-off-to-Unlock type:



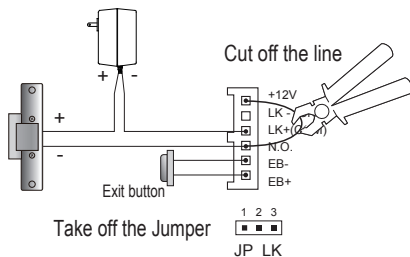
2) Door Lock Controlled with External Power

1. The external power supply must be used according to the lock.
2. The jumper must be taken off before connecting.
3. Setup the **Unlock Mode Parameter** for different lock types
 - Power-on-to-unlock type: Unlock Mode=0 (by default)
 - Power-off-to-unlock type: Unlock Mode=1
4. If different unlocking time is needed, change the unlock time on door station, detail information refer to DT system technical guide.

Power-on-to-Unlock type:



Power-off-to-Unlock type:



10. Specification

Power supply: 26Vdc

Power Consumption Of Outdoor Station:

1W in standby;
5W in working.

Power Consumption Of Indoor Unit:

0.2W in standby;
6.2W in working.

Unlock Power output: 12Vdc, 250mA

Unlock timing: 1~99s

Working temperature: -20°C ~ +55°C

Wiring: 2 wire, non-polarity

Dimension:

140(H)×220(W)×17.5(D)mm (Indoor Unit)

313(H)×128(W)×63(D)mm (flush)

313(H)×128(W)×70(D)mm (surface)