

OPERATION INSTRUCTION

4-Wire Villa Video Intercom System
Indoor Monitor
User Manual

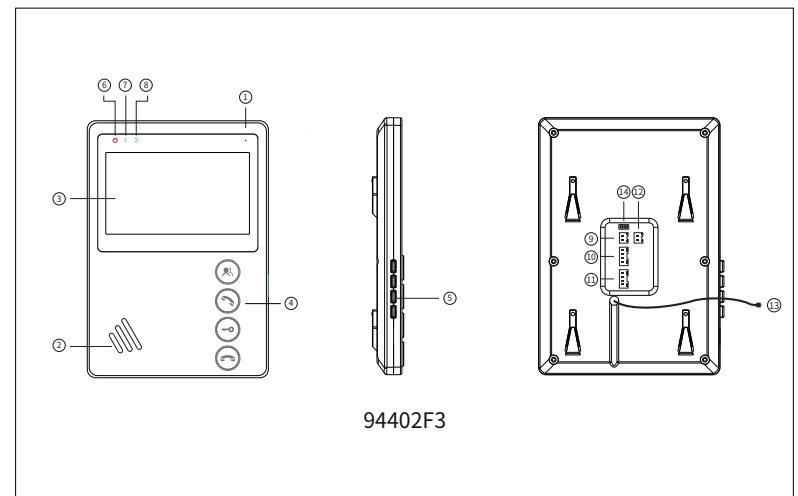
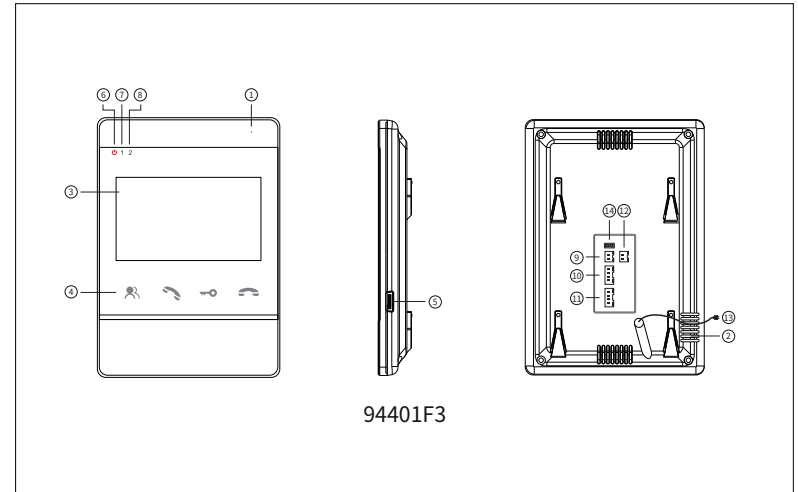
Due to the regular upgrades of systems and products, could not guarantee exact consistency between the actual product and the written information in this manual.

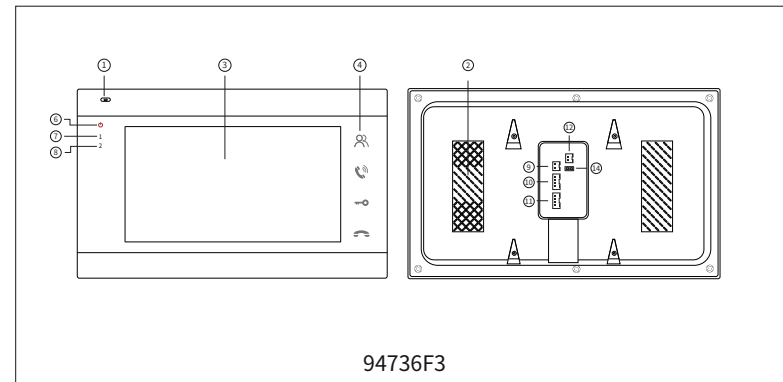
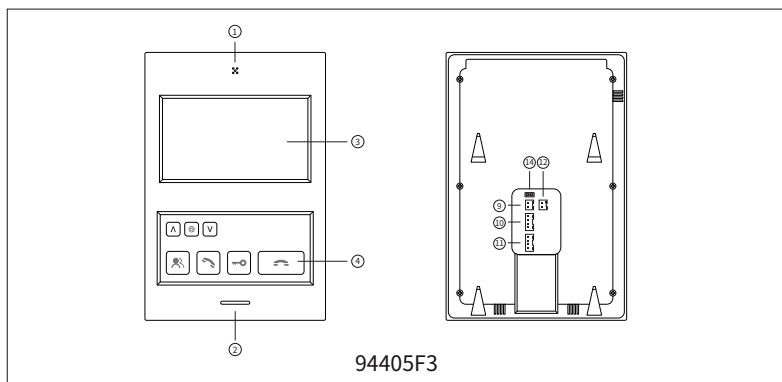
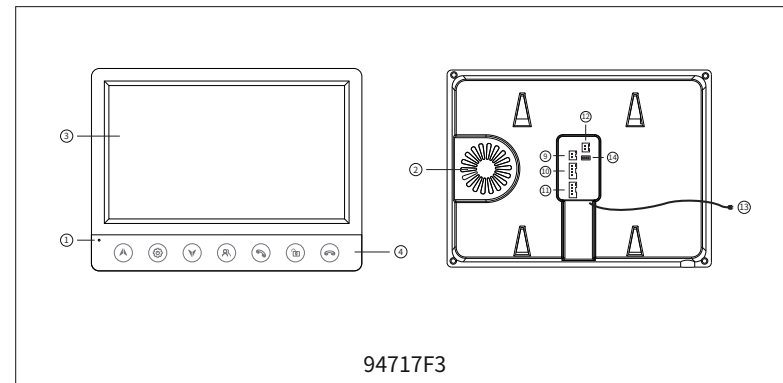
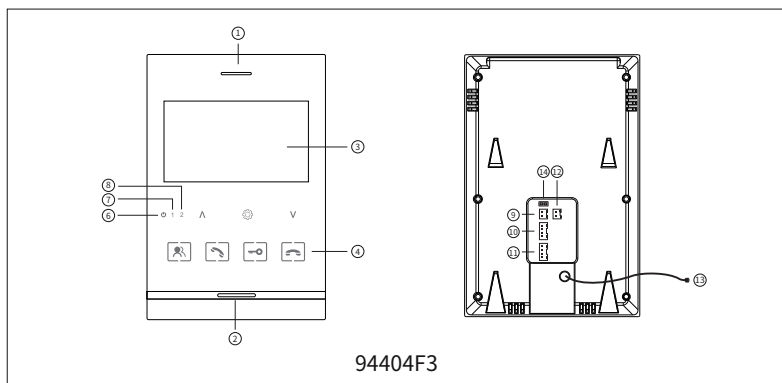
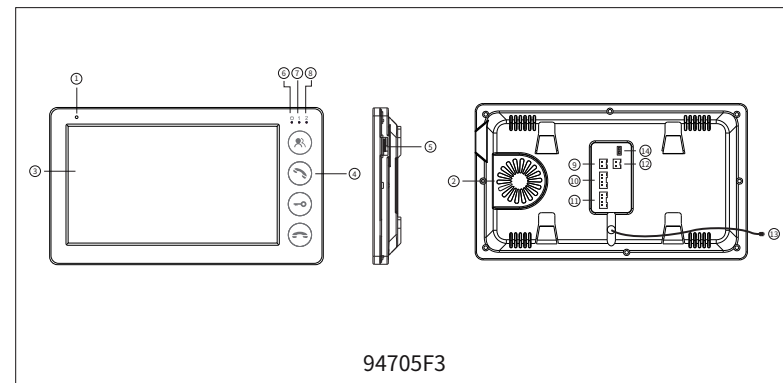
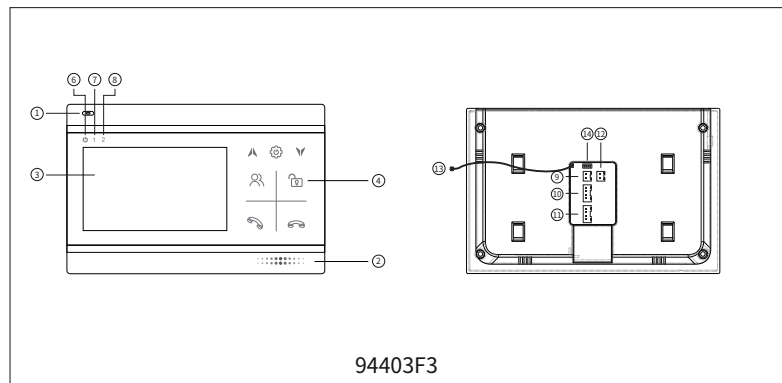
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1 Description

1.1 Product Overview





NO.	Description	NO.	Description
①	Microphone	⑨	Video output
②	Speaker	⑩	Door 1 input
③	Display screen	⑪	Door 2 input
④	Function button	⑫	DC 12V input
⑤	Operation button	⑬	AC power plug (100-240V)
⑥	Power indicator	⑭	Jumper (Connect it to turn on the call button backlight of outdoor station)
⑦	Door1 indicator		
⑧	Door2 indicator		

Icon	Description
 	Monitor
 	Door unlock
 	Answer / Talking
	Hang up / Return
 	Increase / Up
  	Menu setting / Confirm
 	Reduce / Down

1.2 Product Feature

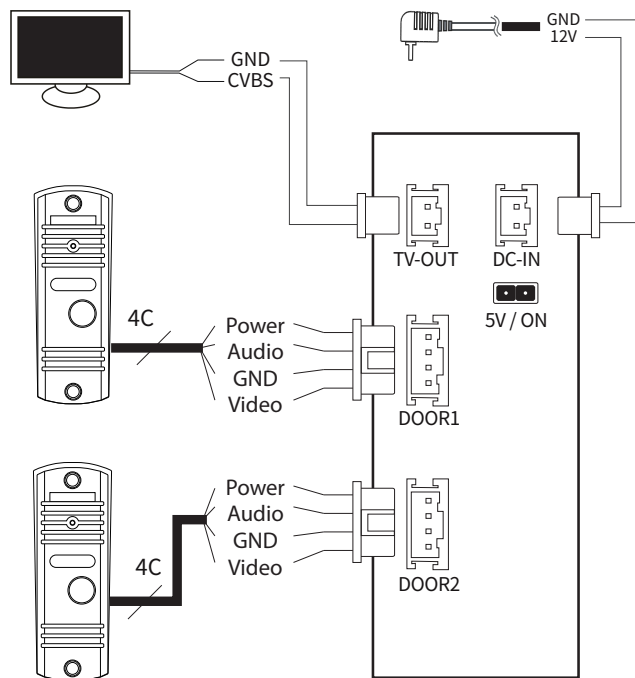
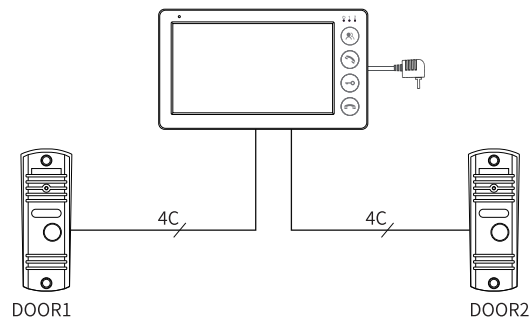
- Video intercom
- Monitoring
- Video output
- Do not disturb mode
- Support 2 outdoor stations
- Convenient installation and easy operation

1.3 Technical Parameter

Display Screen	4.3-inch TFT / 7-inch TFT
Resolution	480*272 / 800*480
Standard	PAL / NTSC
Communication Mode	Half-duplex
Talking Time	120S
Standby Current	< 250mA
Working Current	< 400mA
Power Supply	External switching power supply : DC 12V
	Built-in power supply (Optional)
Working Temperature	-10°C to 50°C
Installation	Surface mounting

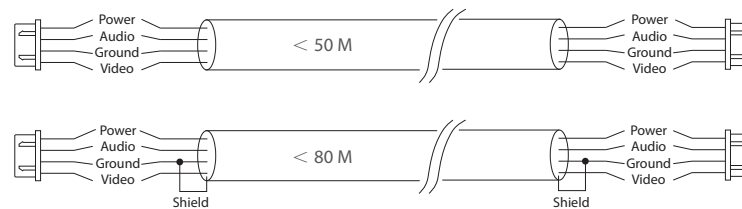
2 Wiring Diagram and Installation

2.1 System Diagram



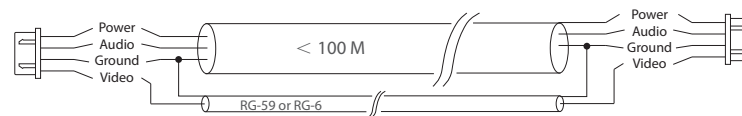
2.2 Wire Specification

- Distance < 25M (0.25mm²)
- Distance < 50M (0.5mm²)
- Distance < 80M (0.75mm²)

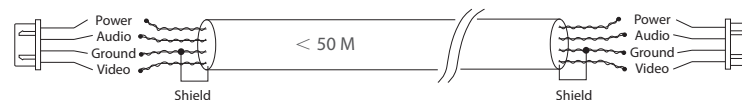


- Distance < 100M (1.0mm²)

Please note that use RG-59 or RG-6 coaxial cable for the video signal.

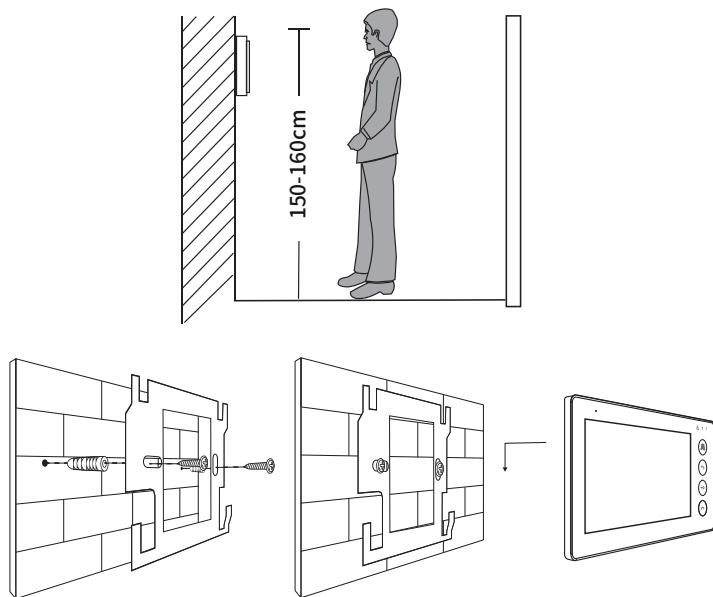


- Distance < 50M (STP or UTP cable, not recommended)



3 Operation and Setting

2.3 Installation



Note:

- Please be far from the devices with intense radiation: TV, DVR, etc.
- Do not disassemble privately to avoid the electric shock.
- Do not drop, shake or knock the device, otherwise will damage the elements.
- Choose the best position to install, the horizontal view is 150cm.
- Please power down before installation.
- Keep at a distance of more than 30cm with AC power to avoid interference.
- Away from the water, magnetic field and chemicals.

3.1 Operation

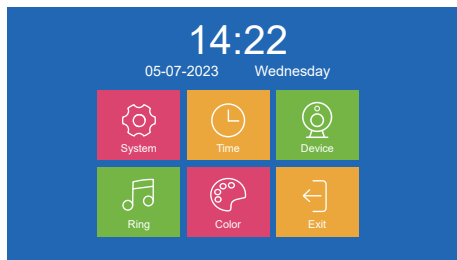
Video Intercom

- ◆ Press the CALL button on the outdoor station
- ◆ The indoor monitor will ring and display the image of the visitor
- ◆ Press the TALKING button to start the conversation
- ◆ Press the UNLOCK button to release the door
- ◆ Press the HANGUP button to end the conversation
- ◆ Standby mode

Monitor

- ◆ Standby mode
- ◆ Press the MONITOR button on the indoor monitor
- ◆ The indoor monitor will display the image from the door1
- ◆ Press the MONITOR button again to monitor the door2
- ◆ Press the TALKING button to start the conversation
- ◆ Press the HANGUP button to end the conversation
- ◆ Standby mode

In the standby mode, press  to enter the setting interface.



3.2 System Setting

Language	<<	English	>>
DND Start Time	<<	23:30	>>
DND End Time	<<	05:30	>>
Standby Mode	<<	Clock	>>
Version	202300725V01		

- **Language:** English / Russian (4.3-inch supports only one language)
- **DND(Do Not Disturb):** Set the start and end time, the indoor monitor is mute during this period.
- **Standby Mode :** Display clock can be set while in standby mode

3.3 Time Setting

Year	<<	2023	>>
Month	<<	06	>>
Day	<<	16	>>
Hour	<<	14	>>
Minute	<<	39	>>
Date Format	<<	YY-MM-DD	>>

- **Date Format:** YY-MM-DD / DD-MM-YY / MM-DD-YY

3.4 Device Setting

Door1 Unlock	<<	02S	>>
Door1 Monitor	<<	02S	>>
Door2 Unlock	<<	60S	>>
Door2 Monitor	<<	60S	>>

- **Unlock Delay Time:** 1-10S (Default is 2S)
- **Monitor Time:** 60S / 120S / ON (ON means monitor all the time)

3.5 Ringtone Setting

CN1 Ringtone	<<	01	>>
CN1 Volume	<<	01	>>
CN2 Ringtone	<<	05	>>
CN2 Volume	<<	05	>>

- **Ringtone:** 16
- **Volume:** 00-10 (00 means mute)

Note: Setting for channel 1&2.

3.6 Color Setting

Brightness	<<	25	>>
Contrast	<<	25	>>
Saturation	<<	25	>>