

Specialty Creates Safety Integrity Develops Future



**SHENZHEN FORSAFE SYSTEM TECHNOLOGY CO., LTD**

Add: A Block, Forsafe Technology Building, NO.13, Gaoxin Ave.  
1.S., South Area, Hi-Tech Industrial Park, Shenzhen, China

TEL: 086-0755- 86315556 FAX: (0755)86315559 Postcode: 518057

Http://www.forsafe.cn E-mail: service@forsafe.cn

***Forsafe***

Instruction Manual

**Wireless Color Video Doorphone System**



AFN-8A2181CR-7/E



AFN-8A2182CR-2.5/E



AFN-8A2125CD/E













*Please carefully read the instructions before using the device,  
you should keep it properly after use for future use.*



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













## VI. Package Configuration

Serial Number	Name	Picture	Number	Serial Number	Name	Picture	Number
A1	Instruction manual		1	A2	Power adapter (DC15V)		2
A3	7" Indoor unit		1	A4	Power adapter (DC5V)		2
A5	2.5" Indoor unit		2	A6	Outdoor unit		1
A7	Dock		2	A8	Mounting plate of indoor unit		1
A9	Plastic expanding plug		8	A10	Screw		9
A11	Embedded box		1	A12	Nameplate		1

## VII. Attention Points

- 1、Note that the temperature and humidity in the installation environment should conform to the description parameters of this device (See Descriptions of Outdoor and Indoor Units).
- 2、Do not touch parts with wet hands.
- 3、To ensure the clarity of the image, the camera and LCD screen should be wiped with a soft cloth, avoiding the use of volatile, corrosive liquid for cleanness.
- 4、Avoid the hard fall or prevent the device from hitting.
- 5、Avoid placing the camera in strong light, which will make the image not clear.
- 6、To enable the image to achieve the best result, please tear off the protective film on the screen before use.

## V. System Operating Instructions

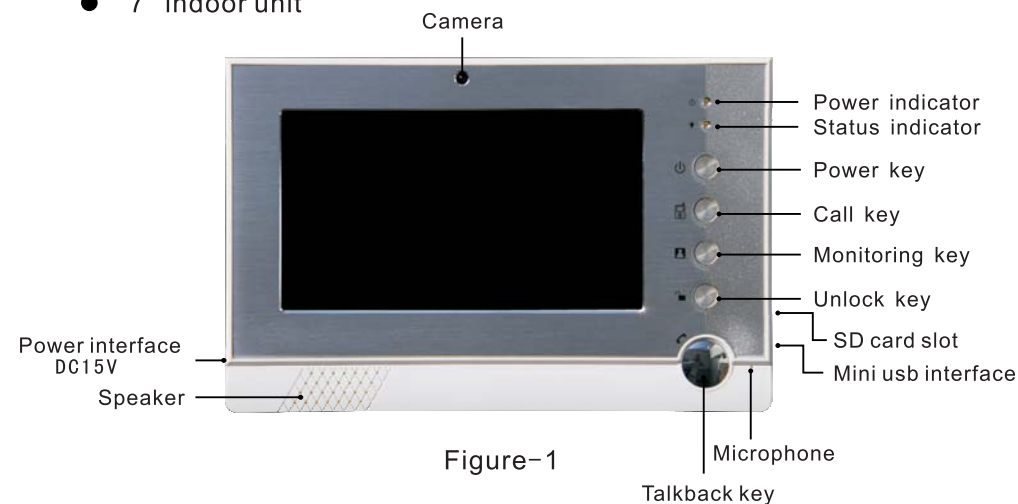
- 1、When a visitor presses the call key of outdoor unit, the indoor unit will ring clear and show the image of the visitor, meanwhile, the outdoor unit will play the tone for waiting. After the host/hostess presses  /  (talkback key) in the indoor unit or handset, he/she can talk to the visitor. About 120 seconds later, the system automatically exits, or then the host/hostess presses  /  (talkback key) and ends a call.
- 2、When pressing  (unlock key) of the indoor unit in the call or monitoring mode, the electronic control will be unlocked.
- 3、If the host/hostess first presses  (monitoring key) of the indoor unit to select the corresponding outdoor unit (Press  for circular selection) and then press  (unlock key), he/she can watch the doorway for about 60 seconds; likewise, the pressing of  (monitoring key) in the monitoring process will get him/her exit from monitoring.
- 4、If pressing  (talkback key) in the monitoring mode, the host/hostess can watch the doorway and talk to the person at the door; another pressing of  will end the conversation.
- 5、Press  (Talkback key) of the indoor unit for selecting 2.5" handset (Press  for circular selection), and then press  (unlock key) to call the selected 2.5" handset.
- 6、When pressing  (talkback key) in the main interface, the host/hostess can view all calling records and select the records for video playback.

## I. Features

1. It has a 7" digital TFT-LCD screen, with the panel made of luxurious brushed metal.
2. It adopts 2.4GHz all-digital wireless adaptive modulation and data encryption technology, with barrier-free communication distance of about 300m and strong anti-interference.
3. The wireless video intercom system consists of an outdoor unit, a 7" indoor unit and two 2.5" indoor handsets.
4. It has the functions of leaving messages, taking photos and showing indoor and outdoor temperature.
5. Its multi-functions also include monitoring, call, hand-free intercom and unlocking.
6. Color images can be clearly seen at night.
7. The wide-angle lens is used for the camera lens of outdoor unit.
8. The melody can be customized with the volume of intercom and ring adjustable.
9. The brightness and color shades of the screen can be adjusted.
10. It has passed FCC and CE certification.

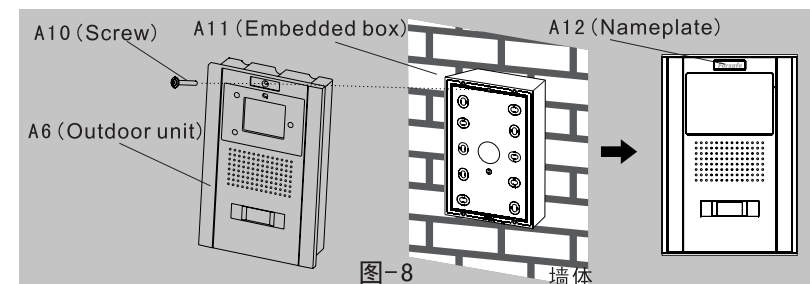
## II. Description of Indoor Unit

### ● 7" indoor unit



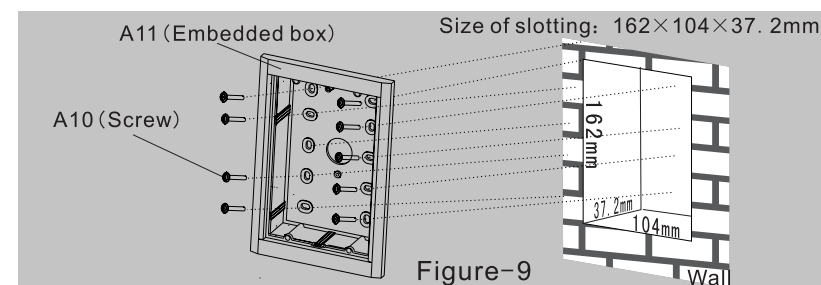
## ➤ Technical parameters

Power adapter	Input	AC100~240V 50Hz/60Hz
	Output	DC15V/2A
Power	Standby state	<0.8W
	Work	<2.7W
Temperature	Storage	-10℃ ~+40℃
	Work state	-10℃ ~+55℃
Way of powering		DC15V/2A
Screen resolution		800×480
Pixels of camera		300,000
Talk time		120±10% (second)
Monitoring time		60±10% (second)
Communication distance		Open space>300m
Size of indoor unit		(H)230X(W)150X(D)27mm

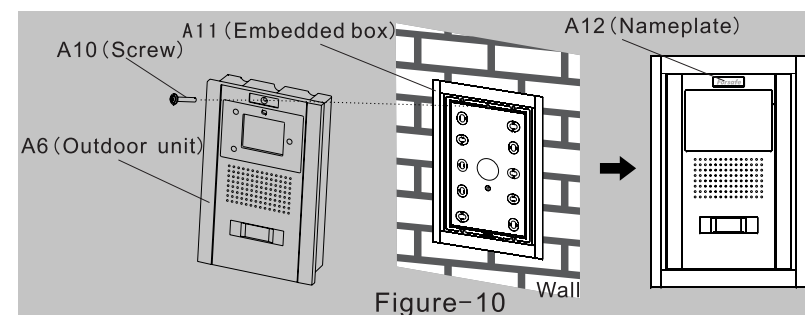


- After the outdoor unit is connected properly, it is placed into the embedded box and fastened with screws, and the paper on the back of nameplate is torn off to paste on the top of outdoor unit, as shown in figure 8.

Installation method (2): Embedded installation



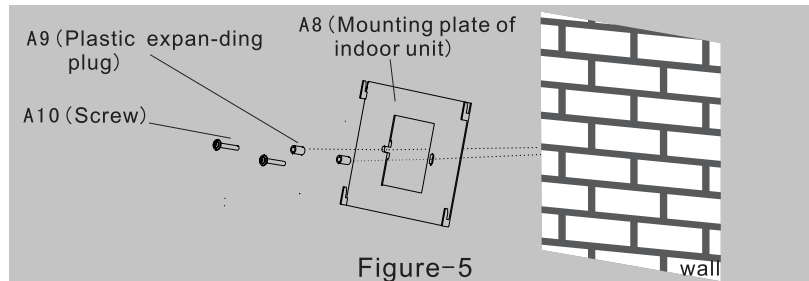
- The embedded box is embedded into the slot in the wall and fastened with screws, as shown in figure 9.



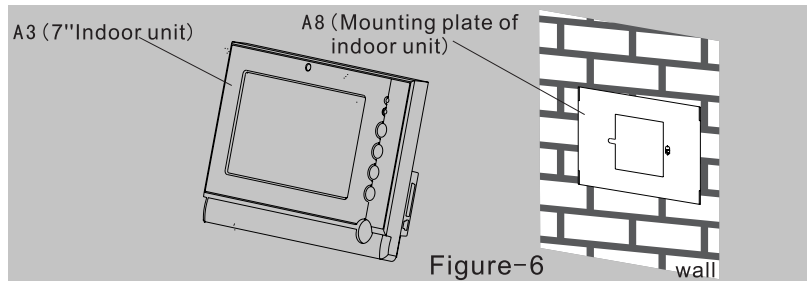
- After the outdoor unit is connected properly, it is placed into the embedded box and fastened with screws, and the paper on the back of nameplate is torn off to paste on the top of outdoor unit, as shown in figure 10.

## IV. Installation Diagram

### ➤ Installation of 7" Indoor unit



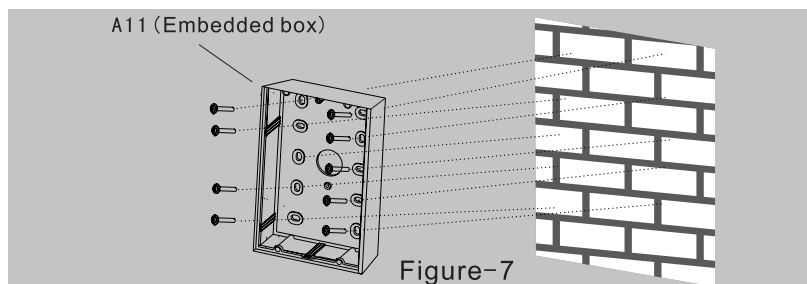
1. The mounting plate of indoor unit (A8) is fixed on the wall with screws (A10), as shown in Figure 5.



2. The indoor unit is hung on the mounting plate, as shown in Figure 6.

### ➤ Installation of outdoor unit

#### Installation method (1): Wall surface installation



1. The embedded box is fixed on the wall with screws (A8), as shown in Figure 7.



### ➤ Operating instructions

- After power is on, power indicator lights consistently. In standby mode, the status indicator flashes once every 4 seconds.
- SD card slot: In the 7" indoor unit, the 2GB memory card can be inserted, which can store pictures, video and other documents.
- Mini USB interface: The favorite pictures or videos in the U disk can be copied to the SD card. (Note: Do not use files in the U disk directly for playback.)



#### ● 2.5" indoor unit



➤ Technical parameters

Power adapter	Input	AC100~240V 50Hz/60Hz
	Output	DC5V/1A
Power supply	External DC	DC5V/1A
	Rechargeable Li-ion battery	Standby of no less than 24 hours or video call of 15 minutes
Power	Standby	<0. 09W
	Work	<1. 8W
Operating temperature	Storage	-10℃ ~+40℃
	Work	-10℃ ~+55℃
Screen resolution		320×240
Talk time		120±10%second
Monitoring time		60±10% second
Communication distance		Open space>300m
Size of indoor unit		(H)129X(W)66X(D)18mm
Base size		(H)86X(W)64X(D)32mm

➤ Operating instructions

- 1、If the on-off key is pressed for 4 seconds, the handset can be opened or closed.
- 2、The pressing of any key enables transferring of the mode from “standby” to “work”, that is, entering the main interface.
- 3、In the main interface, first the key of **VOL+** is pressed for selection of the corresponding indoor unit, and then the key of  is pressed for calling.
- 4、In the main interface, pressing of the key of  enables the user to enter into the sub-menu for setting functions.

III. Description of Outdoor Unit

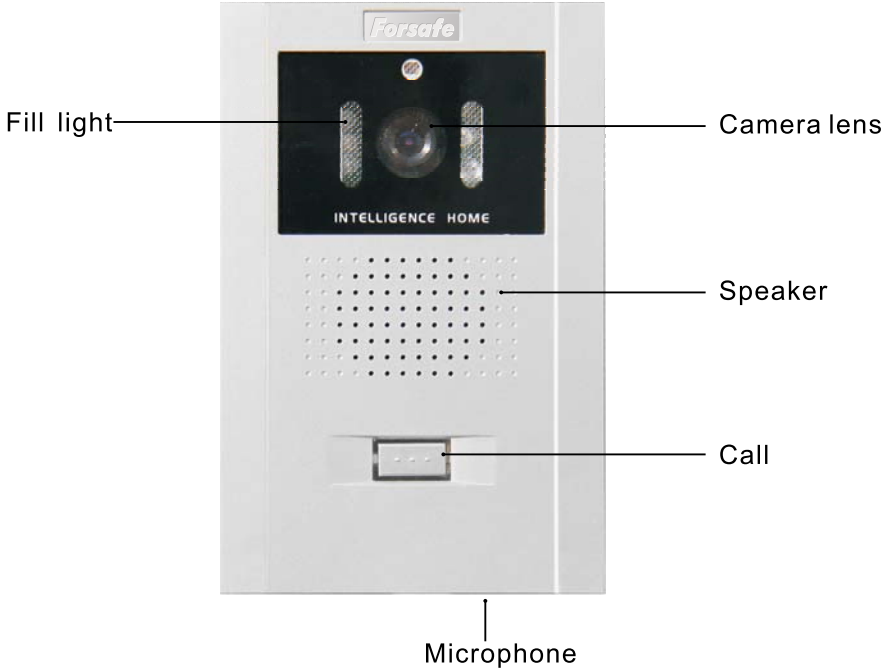


Figure-4

➤ Technical parameters

Power adapter	Input	AC100~240V 50Hz/60Hz
	Output	DC15V/2A
Power	Standby	<0. 9W
	Work	<4.2W
Camera	Type	CMOS
	Pixels	300, 000
Temperature	Storage	-10℃ ~+40℃
	Work	-25℃ ~+70℃
Way of powering		DC15V/2A
Talk time		120±10% second
Communication distance		Open space>300m
Installation method		Embedded installation
Size of outdoor unit		(H)180X(W)90X(D)48mm

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.