

# Video Door Phone Quick Installation Guide



# Package Contents



# Physical specification



1

LCD

LCD	Status	Description	Status	Description
	5	Connected to the Internet		Not connected to the Internet, flashing
	L1	SIP register success	L1	SIP register fail, flashing
		Connected to the TR069	т	Not connected to the TR069, flashing
	8	Lock off	6	Lock on
	<b>?</b> B213	Fault prompt 1 (with error number)	B213	Fault prompt 12 (?: flashing)
	27	Call failed (no response)	Ω	Ringing
	÷	Dialing		Open the door

## **Function Key**

Кеу	Description
С	Call Key, Enter the number and press C to dialing out.
К	Password mode,"K password # "
В	Backspace Key, Enter the number and press B to delete
Numeric keypad	Input password or dialing

## 2) Interface description

Open the rear case of the device, there is a row of terminal blocks for connecting the power supply, electric lock control, etc. The connection is as follows:



				C	N2							C	N3			CN	116	CN	117	CN	119	CN4
		۲	٠	٠	٠	٠	۲	٠	۰	٠	٠	٠	٠	٠	٠	۲	۲	٠	٠	٠	٠	
																						+DC12V-
μų	S1-	NC	6	NO	S2	52	NC	6	NO	NE.	GN	DA	DA	E	338	DEI	GN	DE	GN	17	T+	+1
Z																	D		D			
																				12	V/1A	12V/1A

Serial number	Description
1	Ethernet interface: standard RJ45 interface, 10/100M adaptive, it is recommended to use five or five types of network cable
2、4	Two sets of short-circuit input detection interfaces: for connecting switches, infrared probes, door magnets, vibration sensors and other input devices
3	Short circuit output 1: drive / short circuit output configurable
5	Short-circuit output 2: corresponding to the short-circuit input interface, login device webpage setting, can be connected to the electric lock, alarm device, etc.
6	Wiegand interface
7、8	Two sets of door magnetic detection
9	Temperature control power interface: 12V/1A input
10	Power interface: 12V/1A input
11	JP1 jumper

## JP1 Jumper

There are two modes for power supply of electric-lock as shown in the picture below. (The default is "Passive Mode:").

**Passive Mode:** When the electric-lock starting current is more than 12V/500mA, need to use the external drive mode, the electric lock interface for short circuit output control.

Active Mode : When the electric-lock starting current is less than 12V/500mA, can use the internal drive mode, the electric lock interface is 12V DC output.





Jumper in passive mode



Jumper in active mode

## 3) Wiring instructions:

NO: Normally Open Contact COM: Common Contact NC: Normally Close Contact

Driving	g Mode	Electric-le	ock Mode	JP1	
Active	Passive	No electricity when open	Electrify when open	Jumper	Connections
V		V		Active Mode	Power fluggy 120/14 Power fluggy 120/14 Indoor writtin No election when gent the door
V			V	Active Mode	Power Stuggy 12///A Protor switch: Protor switch: Protor switch: Protor switch: Protor switch: Protor switch: Protor State Protor Sta
	V	$\checkmark$		Passive Mode	Door Prove Power Input
	V		V	Passive Mode	Door Prove Rower Input
	V	V		Passive Mode	Carred France Report Tarred France Report For COM NO For FOR FOR FOR FOR FOR FOR FOR FOR FOR



## Fanvil Technology Co., Ltd

Add: 4F, Block A, Building 1#, GaoXinQi Hi-Tech Park (Phase-II), 67th District, Bao'An, Shenzhen, China P.C:518101

Tel:0755-2640-2199 Fax:0755-2640-2618 Email:sales@fanvil.com



Figure 3-1 Four Major Parts of i33V

Figure 3-2 Five Major Parts of i33VF

#### Step 1: Installation preparation

A.Check the following contents:

- Hex wrench x 1
- TA5 x 40mm screws x 4
- 35mm screw anchors x4
- B.Tools that may be required:
- Hex wrench
- Phillips screwdriver, hammer, RJ45 crimper
- Electric impact drill with an 8mm drill bit

#### Step 2: Drilling



Figure 3-3 Wall Mounting / Built-in

A.Place the mounting template with dimensions on the surface of a wall in a desired flat position. B.Use an electric drill to drill the 4 holes marked on the mounting template. It is recommended to drill about 50mm deep. Remove the template when finishing drilling.

C.Push or hammer screw anchors into the drilled holes.

#### Step 3: Removing hanging shell

#### i33V

A.Use a screwdriver to remove the 4 screws on both sides and separate the rear case from the wall bracket, as shown in Figure 3-4.

B.Use a screwdriver to remove the 6 screws on the back of the rear case and separate the rear case., as shown in Figure 3-5.



Figure 3-4

Figure 3-5

#### i33VF

Use a screwdriver to remove the 6 screws on the back of the rear case and separate the rear case, as shown in Figure 3-6.



Figure 3-6

#### Step 4: Install the wall bracket, wiring and casing

#### i33V

A.Align the screw holes of the wall bracket with the holes in the wall and fix them to the wall with the TA5 x40mm screws, as shown in Figure 3-7.

B.Pass all the wires through the silicone plug in the middle of the bottom case. All lines should be reserved for 15~20CM length, as shown in Figure 3-8.

Note: The outlet hole of the bottom case faces down.



Figure 3-8

C.Connect the cables of RJ45, power, and electric-lock to the motherboard socket as mentioned in connectors description (refer to Section 2).

D.Connect the terminal of the wired cable to the motherboard socket (refer to Section 2).

E.Test whether there is electricity by doing the following:

Press the # button for 3 seconds to get the IP address of intercom by voice.

Input access password or press the indoor switch to check electric-lock installation.

Note: Do not proceed mounting until you have finished the electric checking.

F.Lock the rear case to the main body by locking the 6 screws previously removed into the corresponding position of the rear case.

G.Lock the rear case and the wall bracket by locking the 4 screws previously removed into the corresponding positions on both sides.

H.To ensure a waterproof seal, tighten the screws.

#### i33VF

A.Pass all the wires through the silicone plug in the middle of the bottom case. All lines should be reserved for 15~20CM length, as shown in Figure 3-8.

Note: The outlet hole of the bottom case faces down.

B.Connect the cables of RJ45, power, and electric-lock to the motherboard socket as mentioned in connectors description (refer to Section 2).

C.Connect the terminal of the wired cable to the motherboard socket (refer to Section 2).

D.Test whether there is electricity by doing the following:

Press the # button for 3 seconds to get the IP address of intercom by voice.

Input access password or press the indoor switch to check electric-lock installation.

Note: Do not proceed mounting until you have finished the electric checking.

E.Lock the bottom plate to the main body by locking the 6 screws previously removed into the corresponding position on the bottom plate

F.Put the decorative piece from the back to the front, pay attention to the front and back of the decorative piece, as shown in Figure 3-9.



Figure 3-9

Figure 3-10

G.Put the installed machine into the groove in the door, tighten it from the back of the door with 4 screws, and fix the machine with the decorative piece and bracket, as shown in Figure 3-10. H.To ensure a waterproof seal, tighten the screws.

# 4 Searching Door Phone

There are two methods as shown below to search the device.

### Method 1:

Open the iDoorPhone Network Scanner. Press the Refresh button to search the device and find the IP address.

(Download address http://download.fanvil.com/tool/iDoorPhoneNetworkScanner.exe )

1	IF Address	Serial Number	MAC Address	SW Version	Description	
1	192.168.1.128	1339	00: 08:59:00:33:14	2.4.0.6408	133V IP Door Phone	1
						Befresh

#### Method 2:

Long press DSS key for 10 seconds (after power-on for 30 seconds), and when the speaker beeps rapidly, press DSS key again quickly, the beeps stop ,the intercom will report the IP address by itself.

In addition, device provides the device surface DSS key operation to switch IP address acquisition mode: Long press the DSS key for 10 seconds, to be issued by the speaker Beep, and then press the DSS key three times, the beep stops. Wait 10 seconds, after the success of the system automatically broadcast the current IP address.

# **5** IP Door Setting

#### Step 1: Log in the door phone

Input IP address (e.g. http://192.168.1.128) into address bar of PC's web browser. The default user name and password are both admin.

User:	admin	
Password:		
Language:	English	۳
	Logon	

#### Step 2: Add the SIP account.

Set SIP server address, port, user name, password and SIP user with assigned SIP account parameters. Select "Activate", and then click Apply to save this setting.

	SDP Basic Setting	n Dial Peer	SIP Hotspot	
System				
Network	Line SIP 1 *			
Chevrolet New York	Basic Settings >>			
Line	Line Status	Inactive	SEP Proxy Server Address	172.18.2.130
	Phone number	2006	SIP Proxy Server Port	5060
EGS Setting	Display name	2006	Backup Proxy Server Address	
	Authentication Name	2006	Backup Proxy Server Port	5060
EGS Access	Authentication Password		Outbound proxy address	
	Activate	8	Outbound proxy port	
EGS Logs	7.1.0.77.5.		Realm	
	Codecs Settings >>			
Door Lock	Advanced Settings >>			
		Anely		
Alert		POSAY		

	Features Audo	Video	HCAST Action URL	Time/Date	Trusted Certificates	Device Certifical
iyateen						
	Common Settings					
ietwork.	Switch Mode	Honostable *	Switch-On Duration	8	(1-600)Second(s)	
	Second Switch Hode	Monostable *	Second Switch-On Duration	5	(1-600)Second(a)	
	Second Door Open Hode	Independence +	Delay Time For Asynchiode	1	(1-60)Second(s)	
	Enable Card Reader	Enable *	Card Reader Working Mode	Normal		
EGS Setting	Card Reader HF Card Data Revers	Automatic + 0	Card Reader LF Card Effective Oat	a Automat		
	Wiepand Data Reverse	Autumatic • 0	Enable Access Table	Enable		
GS Access	Limit Talk Ouration	Disable *	Talk Duration		(20~600) Second(s)	
	Remote Password	-	Local password			
(S Logs	Description	33V IP Door Phone	Open Log Server	Disable 1		
	Address of Open Log Server	0.0.0.0	Port of Open Log Server	514		
or Lock	Door Unlock Indication	Long Beeps #	Remote Code Check Length	4	(1-11)	
	Keypad Hode	Dial and Password *	Local Access Code Open Door Hos	Location	*Access Code + 😡	
n .	Default Input Hode	Dial +				
			Apply			
	and a second second					
	Basic Settings >>					

# **6** Door Unlocking Setting

#### Local

## 1) Local Password

Step 1: Go to EGS Setting  $\rightarrow$  Features  $\rightarrow$  Set Local Password (The default is "6789").

Step 2: Use the device's Numeric Keyboard to input password and "#" key, and then the door will be unlocked.

	Features Audio	Video 🚺	HCAST Action URL	Time/Date	Trusted Certificates	Device Certificates
• System						
	Common Settings					
Network	Switch Hode	Monostable +	Switch-On Duration	5 8	1-600)Second(s)	
CERT.	Second Switch Mode	Monostable *	Second Switch-On Duration	5 6	1~600)Second(s)	
Line	Second Door Open Hode	Independence +	Delay Time For Asynchode	1 1	1~60)5econd(x)	
and the second second	Enable Card Reader	Enable *	Card Reader Working Hode	Normal		
EGS Setting	Card Reader HF Card Data Reverse	Automatic * 0	Card Reader LF Card Effective Data	Automatic	. 0	
	Wegard Data Reverse	Automatic • 0	Emable Access Table	Enable +		
EGS Access	Limit Talk Ouration	Disable *	Talk Duration	1.20 8	20-000) Second(s)	
	Remote Password	•	Local password			
EGS Logs	Description	33V IP Door Phone	Open Log Server	Disable *		
	Address of Open Log Server	0.0.0.0	Port of Open Log Server	514		
Deer Leck	Door Unlock Indication	Long Berps *	Remote Code Check Length	4	(1~11)	
and the second	Keypad Mode	Dial and Password *	Local Access Code Open Door Mode	Location*A	Iccass Code + 😡	
Alert	Default Input Hode	Dial +				
promo			Apply			

#### 2) Private Access Code

Step 1: Go to EGS Access  $\rightarrow$  Access Rule  $\rightarrow$  set Access Code.

Step 2: Use the device's **Numeric Keyboard** to press K and enter the **Access Code** and press **#** to end, the door will be unlocked.

	Import Access Table					
Network	Select File		Browse	(accessList.csv) Up	ate	
Line	Access Table >>					
					LBCK here to	Save Access Table
EGS Setting	Socar, 1 P	Inter Interest 1	Pagent.		U Deleti	a Delete Al
	🗌 Index Name	ID Department Pr	sition Location	Number Number Code	Auth Profile Type	Issuing Date Card
EGS Access	8 1 3	985793726			Disable None Guest 201	9/01/10 13:59:16 Enable
EGS Logs	Add Access Rule					
	Name			Location	401	0
Door Lock	3D	3985793726		Number		
	Card State	Enable *		Field Number	_	
100	Department			Access Code	1234	0
NER	Position			Double Auth	Disable • 0	

#### **RFID Card**

Step 1: Go to EGS  $\textbf{Access} \rightarrow$  Enter the Name and ID Number (Only Front 10 yards)  $\rightarrow$  Press Add to Access Table.

Step 2: Use pre assigned RFID cards to unlock the door by touching RFID area of device.

) System	
• Network	Import Access Table Select File Branse (accessList.csv) Update
) Line	Access Table >> Click here to Save Access Table
EGS Setting	Tetal: 1 Prev Page: 1 * Next Objects Delete All
EGS Access	Index Name ID Department Position Location Number Number Code Atth Profile Type Issuing Date State     K I 3985793726     Disable None Guest 2013/01/10 11:59:16 Enable
EGS Logs	Add Access Rule Name • Location •
Duer Lock	ID 3995793726 • Number Card State Enable • Fwd Number
i Alert	Pearlineet Access Cole Pearline Pearline Double Acth Disable + 9 Type Dovest + Pearline Rure +
	Add Modify

#### **Remote Password**

Step 1: Go to EGS Setting  $\rightarrow$  Features  $\rightarrow$  Set Remote Password (The default is "\*").

Step 2: To answer the call made by visitor via SIP phone, press the "\*" key to unlock the door the visitor.

	Features Audio	Video	HCAST Active URL	Time/Dute	Trusted Certificates	Device Certificate
System						
Network	Common Settings					
and the second	Switch Mode	Honostable *	Switch-On Duration	3	1~600)Second(x)	
+ Line	Second Switch Hode	Honostable *	Second Switch-On Duration	5	1~600)Second(s)	
	Second Door Open Hode	Independence •	Delay Time For Asynchode	1	1~60)Second(s)	
+ ECS Setting	Enable Card Reader	Enable *	Card Reader Working Hode	Normal		
	Card Reader HF Card Data Revers	# Automatic • 0	Card Reader LF Card Effective Data	Actomatic	• 0	
+ EGS Access	Wiegand Data Revense	Automatic • O	Enable Access Table	Enable *		
	Limit Talk Duration	Disable *	Talk Duration	0.70	20-600) Second(s)	
	Remote Password		Local password			
EGS Logs	Description	133V IF Door Phone	Open Log Server	Disable *		
	Address of Open Log Server	0.0.0.0	Port of Open Log Server	514		
Door Lock	Door Unlock Indication	Long Beeps +	Famota Code Check Length	4	(1-11)	
	Keypad Mode	Dial and Pastword *	Local Access Code Open Door Mode	Location*	Access Code • 0	
alier	Default Input Mode	Dial *				
Normal Sec.			Chember 111			