Fanvil

A12V Video Intercom Quick Installation Guide V1.0



0 F	Package contents					
	· · · · · · · · · · · · · · · · · · ·					
	A12V Video Intercom	Mounting Template				
	Quick Installation Guide					
	Accessory	Wall-mounted Flush-mounted bracket bracket				
2 Physical specification						
	Dimensions	205 × 120 × 47 (mm)				
1) D	imensions					
	120mm					

2) Interface description



Serial number	Description	Wiring port	
1	Power port: DC12V~24V/2A input	DC +, DC-	
2	Two groups of short-circuit output control ports: used to control electric locks, alarms, etc.	NC: Normally Close C COM: Common Conta NO: Normally Open C	
3	Two groups of short-circuit input detection ports: for connecting switches, infrared probes, door magnets, vibration sensors and other input devices.	GND, IN	
4	Wiegand port	GND WG0: Wiegand data0 WG1: Wiegand data1	
5	RS-485 port	GND, RS-485A, RS-4	
6	4pin Jumper module	Relay operating mode External power supply not supply external po and PIN3 of the jumpe PIN1 and PIN4 in the Internal power supply. Dower supply. External power supply	
0	Ethernet port: standard RJ45 interface, 10/100M adaptive, it is recommended to use five or five types of network cable.	Support PoE 802.3 AT	
8	USB port	4pin, USB peripherals connected via a transf	
9	Lineout port	2pin, can be connecte cable external power a active speaker and ot	
0	Micro SD card slot	SD cards up to 256GE be attached. Note: The back cover should be removed be inserting the card.	

t description
Contact tact Contact
0 1
485B
le: ly (i.e. the relay does ower):Connect PIN2 per module, and leave a air. (Default) y (i.e. relay external act PIN1 to PIN2 and umper module.
AT class 4
Is can be D- sfer cable D+ GND
ted through the r amplifier, ther equipment.
GB can

r before



Fanvil Technology Co., Ltd Website: www.fanvil.com EMail: sales@fanvil.com Tel: +86-755-2640-2199 Fax: +86-755-2640-2618 Add: 10/F Block A, Dualshine Global Science Innovation Center, Honglang North 2nd Road, Bao'an District, Shenzhen, China

Installation diagram

A12V series intercom has two types of accessories: WM612 wall-mounted bracket and EX612 flush-mounted bracket. You need to select the corresponding installation accessories before installation.

The standard product comes with a WM612 wall-mounted bracket as the default installation accessory. If an EX612 flush-mounted bracket is needed, it must be purchased separately!

WM612 Wall-mounted bracket



EX612 Flush-mounted bracket:



Wall-mounted installation:

1) Paste the mounting template of the wall-mounted bracket on the wall, and then use the electric drill to make the corresponding hole position.



2) The white rubber plugged into the wall and the wall-mounted bracket fixed with screws to the wall.



3) Fix the sealing silicone ring on the back of A12V according to the hole position.



4) After connecting the power cables, network cables, and security interface cables, place the A12V on the wall-mounted bracket.



5) Power on the device, If it works normally, then use the screws to fix A12V to the wall-mounted bracket, and the installation is complete.

Flush-mounted installation:

1) Make a hole of the corresponding size on the wall (recommended size: the length range is 199-201mm, the width range is 114-116mm, the depth range is 20-25mm), and paste the mounting template of the flush-mounted bracket on the wall, and then use an electric drill to make the corresponding hole position.



2) The white rubber plugged into the wall and the flush-mounted bracket fixed with screws to the wall, and insert the flush-mounted bracket cover plate stuck on the flush-mounted bracket.



3) Fix the sealing silicone ring on the back of A12V according to the



4) After connecting the power cables, network cables, and security place the A12V on the flush-mounted bracket.



5) Power on the device, If it works normally, then use the screws to flush-mounted bracket, and the installation is complete.

4 Searching IP address

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

Methods 1:

The default WAN mode is DHCP, querying the IP address with the Download link for Device Manager:

https://www.fanvil.com.cn/downfile.aspx?filepath=https://www.fanvil. upload/files/firmware/tools/20230919/DeviceManager_1.0.6(Installat tar.gz&filename=DeviceManager_1.0.6(Installation_free).tar.gz

Device Manager	Device			
Device Totat 16 / 349	() (Western	Natura - Raturali		0.000
MAC 8	PASSes 0	Atodal - D	Wester 2	Service Status 2
00.4859/54F80	172.18.28.27	iei	2124434	
02:08-6x00.21-88	172.18.20.21	A33	20.10.1991	
 00.ak55xfebet 	172.1620.09	967	26.6261	
• 9::Ithelecard)	172.10.26.8	W210D	1.11.7	
• der Sill berik2 die fa	172.18.28.13	WERN	0.0.0.9	
• 0.00.5454.8110	172.18.20.35	767	T2124533.1	
0:383c111a10	171 18 30 22	interve	11262	
• 00383e40.91ct	172.1820.14	W710H	1.16.8	
• 9::023#1138-4r	172.1628.2	AS2D	20.80.3812	
	172.18.18.2	#501-8	3.13.45.7.17	
	172.18.28.10	ALEY	10.0.7	
Output lead to be	172 18.20(10	100a	121245321	
• 0u383e44u3a7	172-18-20.19	A12V	70.0.7	
· October Thilden	172 18 29 18	10 Video Deservicense	212.668	

he hole position.	Method 2: Press and hold the Call Button for 3 seconds(after power on for 30 seconds), and when the speaker beeps rapidly, press Call Button again quickly, the beeps stop, the intercom will report the IP address by itself. In addition, device provides the device surface Call Button operation to switch IP address acquisition mode: Press and hold the Call Button for 3 seconds, and when the speaker beeps rapidly, and then press the Call Button three times, after the success of the system automati- cally broadcast the current IP address.
ty interface cables,	Intercom configuration
	Step 1: Log in the WEB admin interface of the device Input IP address (e.g.http://172.18.26.7) into address bar of PC's web browser. The default user name and password are both admin.
to fix A12V to the	Step 2: Add SIP account [Line] >> [SIP] Set SIP server address, port, username, password and SIP user with assigned SIP account parameters. Select click to take effect.
	 Step 3: Set the Intercom parameters [Intercom Settings] >> [Media Settings] >> [Media Settings] >>Set the volume of the device >> Click [Apply] to take effect. Speakerphone Volume: Set the speaker output volume. Handfree Mic Gain: Set the microphone volume.
e Device Manager:	Sten 4: Set Call Button
ivil.com.cn/ illation_free).	[Call Button] >> [Call Button Settings] >> Set speed dial parameters for Call Buttons >> Click [Apply] to take effect.
0 - C X H Bicco P Becquion 2	Value: The Call Button will dial to this Number 1. Line: Working line. Subtype: Speed Dial.
	Step 5: Set the security function [Security Settings] >> [Input Settings] / [Output Settings] Two short circuits input and output configuration, trigger ring, tamper detection configuration.