



The IP Communication Expert

i18 SIP Video intercom

-- Intercom, paging

IP65

1k10

VOIP
SIP

HD
Video

HD
Voice

2
input
detect

2
Output
control

Tamper
proof

Video
Record

POE



Fanvil Technology Co., Ltd

Highlights

i18 SIP Video intercom



i18-01



i18-02

- ✓ Two high sensitive microphones with echo cancellation and reduction of background noise
- ✓ 3W Speaker for loud environments
- ✓ Water ,dust and tamperproof. IP65 and IK10 certified
- ✓ Backlit keyboard for telephone calls and opening of door
- ✓ Tamper switch
- ✓ Night vision color camera, viewing angle 120
- ✓ Integrated electrical switch relay for output control

Basic functions

i18 SIP Video intercom



- Video Intercom**

Press the CALL key to call (panel set call target in the terminal), full duplex video intercom.

- Record audio and video**

Build-in TF card. Record audio and video from the intercom for future use

- Tamperproof**

With tamper detection interface, prevent malicious tampering and destroying

- Input detect and Output control**

Terminal with 2 short circuit input detect ports, 2 output short circuit control ports

- Connect active speaker**

The terminal can be connected with the active speaker to play background music, support for HD (G.722) radio

Peripheral connection

Network switch



WAN Port



Magnetic Sensor

OR



Infrared Sensor

Input Dete
port 1



Vibration Sensor

OR



Emergency button

Input Dete
port 2



Audio output
port



Active speaker (Built-in amplifier)

Tamper
switch



Tamper Switch

Output 1
(Relay1)



Warning lights

Output 2
(Relay2)



Lock

TF card



Video/Recording

Network diagram



Talk to each other and control from your SIP phone or PC

protocol

SIP 2.0(RFC3261)

Buttons

Number of buttons	1
Number of keypad	Optional

Audio

Microphone	2
Loudspeaker	3W
Noise Reduction(NR)	yes

Audio steam

Codec	G.711,G.729,G.722,etc
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Camera

Resolution	1M COMS
View angle	120° (H),109° (V)
IR Night Vision	yes

Video stream

Codec	H.263,H.263+,H.264
Resolution	CIF,QCIF,VGA,4CIF,720P(HD)

RFID Card reader

Supported cards	NA
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Interface

Power supply	12V+-15%/1A DC or POE
POE	802.3af (Class 0 - 12.95W) 48V/380mA
LAN	10/100BASE-TX s Auto-MDIX,RJ-45
Relay outputs	NC/NO Contacts, MAX 30V/1A AC/DC
Active relay output	NA
Input	two Input detect ports
Output (2 relays)	two output control ports

Mechanical

Housing material	Aluminum alloy
Operating temperature range	-40°C to 70°C
Storage temperature range	-40°C to 70°C
Relative humidity	10% - 95%
Installation	Surface mounted or Flush mounting
Dimensions	159X120X36 mm
Protection level	IP65 and IK10

THANK YOU

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