

## Fanvil i33VF Flush-mounted SIP Video Door Phone (i33VF)



Product Name: Fanvil i33VF Flush-mounted SIP Video Door Phone (i33VF)

Manufacturer: -

Model Number: i33VF

Please Note: This product has been discontinued. Please see the Fanvil i16SV SIP Video Intercom for an available alternative.

Fanvil i33VF Flush-mounted SIP Video Door Phone (i33VF)

The Fanvil i33VF is a SIP Video Door Phone with LCD display developed for users in the security industry. It supports the installation of flush-mounting. It is designed for outdoor environment with high reliability, HD Audio/Video, IP65/IK10 protection grade and the wide temperature range from -20°C to 50°C. It combines with the functions of access control, audio/video intercom and broadcasting for the smoother, safer, clearer communication.

Fanvil i33VF Key Features

- Designed to be embedded into a door
- LCD SIP display
- Built-in HD camera with infrared night vision, adopt H.264 codec
- Access control by call, code, RFID/IC card and indoor switch
- All-in-one (Access control, Intercom and Broadcasting)
- HD voice speech quality with built-in 3W speaker and Acoustic Echo Canceller (AEC)
- Protection level: IP65 and IK10
- -40°C to 70°C wide range temperature adaptability
- Support online management and upgrade
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, etc.
- Designed for users within the security industry

Applications

- Warehouses
- Apartments
- Holiday Homes

**Different Ways to Unlock the Door**Support to open the door with local password, RFID/IC cards and remote DTMF.

**Number Keypad and Clear Backlight Display**Users can use 12 standard number keys and 3 function keys to dial or enter a password to open the door. A 128X48 pixel lattice screen will simultaneously display the room number of the owner when the visitor calls on i33V/i33VF.

**Support HD Video and Two Video Streams**With the HD camera with infrared night vision, i33V/i33VF can easily identify the visitors even at night. It also supports two video streams in which the main code stream works for high-quality video on monitoring and the subcode stream for smooth SIP video calls.

**HD Audio**Support HD audio with built-in 3W speaker, Opus, Acoustic Echo Canceller (AEC) and nice background noise reduction.

**Multi-Protection Design**Featuring the waterproof and dustproof grade IP65, the anti-collision standard IK10 and the wide temperature range from -40°C to 70°C, i33V/i33VF can be applied in different kinds of outdoor environment.

**24H Video Surveillance**Connecting with VMS video management system via ONVIF protocol, i33V/i33VF could be used for 24H video monitoring of the door.

**Support External Door Magnetic Detector and Wiegand Card Reader**It can be connected to 2 door magnetic detectors which will make an alarm if the door can not be closed after the timeout. It can

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also connect to a Wiegand card reader to control the door, which is used in the places with high security requirement, such as prisons and banks.

Fanvil i33VF Technical Specifications

General

- 2 SIP Lines, support SIP 2.0 (RFC3261) and related RFC
- Full-duplex handsfree
- Default auto answer
- Intercom function
- Industrial Standard Certifications: IP65&IK10, CE/FCC

Access Control Function

- Unlock door method: DTMF, password, RFID/IC card, indoor switch, WEB page
- Support 2000 Remote access list
- Support 2000 RFID/IC cards
- Support 200,000 door open records
- Support electric lock internal or external power supply options
- Auto multicast function
- Support ONVIF
- Network Time Synchronisation
- Action URL / Active URI

Audio

- Wideband ADC/DAC 16KHz Sampling
- Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB
- Wideband CODEC: G.722
- Full-duplex Acoustic Echo Canceller (AEC) & Hands-free Mode, 96ms tail-length
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive jitter Buffer up to 300ms
- DTMF: In-band, Out of Band DTMF (RFC2833) / SIP INFO

Video

- Sensor: 1/2.7" color CMOS
- 2 megapixels
- Video code: H.264
- Resolution:- Main stream: 1280&times;720@25fps- Sub-stream: 704&times;576(D1)@25fps
- Viewing angle: 112&deg; (H), 84&deg; (V)
- Minimum illumination: 0.1Lux, support for infrared illumination

Networking

- Support PoE
- Primary and secondary DNS servers are supported
- Support RTSP
- Support SNTP client
- Support VPN L2TP / openVPN
- Support SRTP
- Support HTTP / HTTPS web pages
- Support Qos: 802.1p / q, DSCP
- DHCP / static / PPPoE

## Fanvil i33VF Flush-mounted SIP Video Door Phone (i33VF)

ï¿½ Support STUN

### Protocols

ï¿½ SIP2.0 over UDP/TCP/TLS

ï¿½ RTP/RTCP/SRTP

ï¿½ STUN

ï¿½ DHCP

ï¿½ LLDP

ï¿½ PPPoE

ï¿½ 802.1x

ï¿½ L2TP

ï¿½ OpenVPN

ï¿½ SNTP

ï¿½ FTP/TFTP

ï¿½ HTTP/HTTPS

ï¿½ TR-069

### Deployment & Maintenance

ï¿½ Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP/TR069/SIP PNP

ï¿½ Web Management Portal

ï¿½ Web-based Packet Dump

ï¿½ Configuration Import/Export

ï¿½ Firmware Upgrade

ï¿½ Syslog

### Physical Specifications

ï¿½ LCD Pixel: 128x48 dots

ï¿½ LCD Dimension: 64x30.5x5.2 mm

ï¿½ Keypad: 15 keys(with backlight),including 12 number keys and 3 function keys  
(Detail/Password Mode/Backspace)

ï¿½ 1 RJ45 port, 10/100M adaptive

ï¿½ 1Wiegandport

ï¿½ 1 audio output interface

ï¿½ 1 recording output interface

ï¿½ 2 relays: MAX DC30V / 2A, AC125V / 0.5A for door opener

ï¿½ Active switching output: 12V / 500mA DC(only 1 relay support)

ï¿½ 2 indoor switch

ï¿½ 2 door magnetic detection

ï¿½ 1 tamper alarm switch

ï¿½ Temperature controller power:12V/1A(external PSU)

ï¿½ RFID reader: ID (EM4100,125KHz) & IC(MIFARE ONE,13.56MHz)

ï¿½ Power: DC12V/1A or PoE

ï¿½ Housing material: aluminum alloy shell

ï¿½ Protection level:IP65 and IK10

ï¿½ Installation: Wall-mounting(i33V); Flush mounting (i33VF)

ï¿½ Working temperature: -40 ~ 70 &deg;C

ï¿½ Storage temperature: -40 ~ 70 &deg;C

ï¿½ Relative humidity: 10% - 90%

ï¿½ Equipment Dimension: 295x142x62mm

ï¿½ Packing Dimension: 370x194x111mm

ï¿½ Outer CTN Dimension: 413x360x392mm(6 PCS)

ï¿½ Equipment weight: 2193g

## Fanvil i33VF Flush-mounted SIP Video Door Phone (i33VF)

### Please Enquire

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Options available for Fanvil i33VF Flush-mounted SIP Video Door Phone (i33VF) :

#### **Support Required**

Not Required, [VolPon Premium Support Starter \(+£75.00\)](#).

#### **Fanvil RFID Card**

Not Required, [Required \(+£5.00\)](#).