



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℃ to 50℃. 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
- ī సై Built-in HD camera with infrared night vision, adopt H.264 codec
- آذِرُ Access control(by call, code, RFID/IC card and indoor switch
- تَىٰ All-in-one (Access control, Intercom and Broadcasting)
- าั¿½ HD voice speech quality with built-in 3W speaker and Acoustic Echo Canceller (AEC)
- � Protection level: IP65 and IK10
- 12.1/2 -40°C to 70°C wide range temperature adaptability
- 17.1/2 Support online management and upgrade
- تزاري Compatible with major platforms: Aterisk, Broadsoft, 3CX, Metaswitch, Elastix, etc.
- 12.1/2 Designed for users within the security industry

Applications

ï¿1/2 Warehouses

ï¿1/2 Apartments

ï¿1/2 Holiday Homes

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

Number Keypad and Clear Backlight DisplayUsers 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 StreamsWith 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 AudioSupport HD audio with built-in 3W speaker, Opus, Acoustic Echo Canceller (AEC) and nice background noise reduction.

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

24H Video SurveillanceConnecting 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 ReaderIt 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



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

- าั¿½ 2 SIP Lines, support SIP 2.0 (RFC3261) and related RFC
- � Full-duplex handsfree
- � Default auto answer
- ï¿⅓ Intercom function
- าั¿½ Industrial Standard Certifications: IP65&IK10, CE/FCC

Access Control Function

- าั¿½ Unlock door method: DTMF, password, RFID/IC card, indoor switch, WEB page
- � Support 2000 Remote access list
- � Support 2000 RFID/IC cards
- ï¿1/2 Support 200,000 door open records
- ï¿⅓ Support electric lock internal or external power supply options
- � Auto multicast function
- ï¿⅓ Support ONVIF
- � Network Time Synchronisation
- � Action URL / Active URI

Audio

- ï¿1/2 Wideband ADC/DAC 16KHz Sampling
- าั¿½ Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB
- ï¿1/2 Wideband CODEC: G.722
- าั¿½ Full-duplex Acoustic Echo Canceller (AEC) Hands-free Mode, 96ms tail-length
- T¿½ Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) /Background Noise Estimation (BNE)
- � Packet Loss Concealment (PLC)
- � Dynamic Adaptive litter Buffer up to 300ms
- าั¿½ DTMF: In-band, Out of Band DTMF (RFC2833) / SIP INFO

Video

- ï¿1/2 Sensor: 1/2.7" color CMOS
- � 2 megapixels
- ï¿⅓ Video code: H.264
- � Resolution:- Main stream: 1280×720@25fps- Sub-stream: 704×576(D1)@25fps
- � Viewing angle: 112° (H), 84° (V)
- าั¿½ Minimum illumination: 0.1Lux, support for infrared illumination

Networking

- � Support PoE
- � Primary and secondary DNS servers are supported
- ï¿⅓ Support RTSP
- � Support SNTP client
- ï¿1/2 Support VPN L2TP / openVPN
- � Support SRTP
- ï¿1/2 Support HTTP / HTTPS web pages
- ï¿1/2 Support Qos: 802.1p / q, DSCP
- � DHCP / static / PPPoE



ï¿⅓ Support STUN

Protocols

ï¿1/2 SIP2.0 over UDP/TCP/TLS

� RTP/RTCP/SRTP

ï¿⅓ STUN

� DHCP

۲¿⅓ LLDP يُزï

PPPoE ½⅓

ï¿⅓ 802.1x

L2TP ½ ′L3TP

� OpenVPN

ï¿⅓ SNTP

� FTP/TFTP

� HTTP/HTTPS

� TR-069

Deployment & amp; Maintenance

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

� Web Management Portal

� Web-based Packet Dump

� Configuration Import/Export

ï¿⅓ Firmware Upgrade

ï¿⅓ Syslog

Physical Specifications

� LCD Pixel: 128x48 dots

� LCD Dimension: 64x30.5x5.2 mm

ī సై 1/2 Keypad: 15 keys(with backlight), including 12 number keys and 3 function keys

(Detail/Password Mode/Backspace) 12/2/2 1 RJ45 port, 10/100M adaptive

� 1Wiegandport

� 1 audio output interface

� 1 recording output interface

آز½ 2 relays: MAX DC30V / 2A, AC125V / 0.5A for door opener

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

� 2 indoor switch

� 2 door magnetic detection

� 1 tamper alarm switch

آذِ1⁄2 Temperature controller power:12V/1A(external PSU)

تزارط RFID reader: ID (EM4100,125KHz) & amp;IC(MIFARE ONE,13.56MHz)

� Power: DC12V/1A or PoE

า๊¿½ Housing material: aluminum alloy shell

� Protection level:IP65 and IK10

រ៉េះ/៉ូ Installation: Wall-mounting(i33V); Flush mounting (i33VF)

� Working temperature: -40 ~ 70 °C

� Storage temperature: -40 ~ 70 °C

� Relative humidity: 10% - 90%

� Equipment Dimension: 295x142x62mm

� Packing Dimension: 370x194x111mm

าั¿1/2 Outer CTN Dimension: 413x360x392mm(6 PCS)

� Equipment weight: 2193g



Please Enquire

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

Support Required

Not Required, VolPon Premium Support Starter (+86.38EUR).

Fanvil RFID Card

Not Required, Required (+5.76EUR).