

## Fanvil i18 Video SIP Intercom - Dual Buttons



Product Name: Fanvil i18 Video SIP Intercom - Dual Buttons

Manufacturer: -

Model Number: fanvil-i18-dual

Please Note: This product has been discontinued. Please see the Fanvil i18S IP Video Intercom for an available alternative.

### Fanvil i18 Video SIP Intercom - Wall-Mounted - Dual Buttons

The Fanvil i18 combines IP technology with industrial design, creating a high quality door entry system perfect for a number of different applications. The i18 has HD video capabilities through a 720p progressive scan camera, capturing motion effortlessly.

### Fanvil i18 Door Intercom Key Features

- 1/2 HD Video 1280x720p
- 1/2 HD Voice with G.722 encoding
- 1/2 Anti-tamper alarm
- 1/2 Advanced protection with IP65 and IK10
- 1/2 Noise reduction
- 1/2 Wall Mounted

The Fanvil i18 is available as both a single button unit and with dual buttons.

### Fanvil i18 SIP Door Intercom Technical Specification

#### Generic

- 1/2 2 SIP Lines
- 1/2 PoE Enabled
- 1/2 Full-duplex speakerphone (HF)
- 1/2 Intelligent DSS Keys (Speed Dial/intercom etc)
- 1/2 Integrated Noise Reduction with dual MICs
- 1/2 Omnidirectional pickup
- 1/2 2 embedded short-circuit output relays
- 1/2 Embedded anti-dismantlement alarm
- 1/2 External Power Supply
- 1/2 Record voice and video during calls(optional)
- 1/2 All in ONE intercom and paging service and SelurityLinkage
- 1/2 Wall-mount

#### Call Features

- 1/2 Voice/video Intercom
- 1/2 Speed Dial(speed dial key)
- 1/2 Auto-Answering (per line)
- 1/2 Voice Message (on server)
- 1/2 Barge in and calls switched automatically
- 1/2 Local 3-way Conference

#### Phone Features

- 1/2 High Quality video calls
- 1/2 Support SIP 2.0 and related RFCs
- 1/2 Programmable DSS keys
- 1/2 Network Time Synchronization
- 1/2 Action URL / Active URI

## Fanvil i18 Video SIP Intercom - Dual Buttons

### Audio

- Wideband CODEC: G.722
- Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB, iLBC, AMR
- Full-duplex Acoustic Echo Cancellation (AEC) – HandsfreeMode, 128ms tail-length
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out of Band (RFC2833) / SIP INFO
- Omnidirectional pickup: pickup distance 5 m

### Video

- Video codec: H.264 / H.263
- Image codec: JPEG/PNG/BMP/GIF
- Video format: MP4/3GP/FLV
- Video call resolution: QCIF / CIF / VGA / 4CIF / 720P
- Bandwidth selection: 64kbps~4Mbps
- Frame rate selection: 10~30fps

### Networking

- 802.3af PoE
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / PPTP / IPSec
- VLAN: 802.1p/q
- QoS: DSCP

### Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- PPPoE
- 802.1x
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- Tr069

### Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP/TR069/SIP PNP
- Web Management Portal
- Web-based Packet Dump
- Configuration Backup/Restore
- Firmware Upgrade

### Physical Specifications

## Fanvil i18 Video SIP Intercom - Dual Buttons

i18 1/2 Keypad: 1 or 2 DSS Keys (Speed Dial)  
i18 1/2 1 10/100/1000BASE-T RJ45 Ethernet interface, Auto-MDIX  
i18 1/2 PoE: 802.3af, Class 3  
i18 1/2 Main Chipset: Freescale quad cores 1GHz CPU  
i18 1/2 SDRAM 65306; 1GB DDR3  
i18 1/2 Flash 65306; 4GB  
i18 1/2 TF card 65306; embedded 32GB (optional)  
i18 1/2 Camera: 1284 x 724, CMOS (1/4 inch)  
i18 1/2 Passive Switch (short-circuit output): Normally Open and Normally Closed highest at 30V/1A AC/DC  
i18 1/2 View angle: 120° (H) 109° (V)  
i18 1/2 IR NIGHT Vision: yes  
i18 1/2 Audio Amplifier: 3W  
i18 1/2 Cables: CAT5 or better  
i18 1/2 Power Supply 65306; 12V ± 15%/1A DC or PoE  
i18 1/2 Shell Material: Aluminum Cover and Cast-Aluminum backcase  
i18 1/2 Protection level: IP65 and IK10  
i18 1/2 Storage Temperature: -40~70°C;  
i18 1/2 Working Humidity: 10~90%  
i18 1/2 Overall Dimension: 223 x 130 x 74mm (W x H x L)  
i18 1/2 Package Weight: 1.45KG

**Please Enquire**