

Fanvil A12V Video Intercom (A12V)



Product Name: Fanvil A12V Video Intercom (A12V)

Manufacturer: Fanvil

Model Number: A12V

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The Fanvil A12V Video Intercom is a brand-new intercom featuring a 10W speaker and turbo sound chamber for powerful sound quality. With Fanvil's advanced dual-microphone noise reduction and voice enhancement technology, it captures clear audio even in challenging environments. Equipped with a 4MP starlight wide-angle camera with built-in infrared lighting and HDR technology, it ensures excellent imaging day and night. Designed with a unique combination of a stainless-steel panel and integrated aluminium alloy structure, the A12V stands out with exceptional corrosion resistance and a high protection rating — IP66 waterproof and dustproof, with IK10 anti-riot protection (except the lens) — making it highly durable and adaptable to diverse environments. A 27mm backlit big button with dual status indicators (call, control) ensures intuitive and friendly operation, while a built-in wet node output can drive an external alarm light. The A12V is compatible with SIP-based mainstream IP PBX, softswitch and IMS platforms, including Asterisk, BroadSoft, 3CX, Metaswitch, Elastix, and Avaya. Rich interfaces including audio line output, short circuit input/output, Wiegand, USB, and RS-485 allow flexible integration with access control and security systems to meet diverse deployment needs. Fanvil A12V Technical Specifications:

Generic

- 2 SIP lines
- Speed dial
- Video calling
- Infrared lighting
- Linkage with IP camera to realise video intercom
- Oral announcement of the IP address (in English)
- MP3 broadcasting
- Support programmable DSS key
- Line-out audio output interface
- Support USB port
- Support Wiegand port
- Support RS-485 port
- Switch signal input and output
- Support TF card
- Support DC 12V-24/2A power supply and Power over Ethernet (PoE+)

Device Functions

- Auto-answering
- Programmable DSS keys
- Volume adjustment via button or web page
- Network time synchronisation
- Time Plan (task management)
- SIP call forwarding to multicast
- Dynamic multicast function
- HTTP API
- Action URL / Active URI

Call Functions

- Call out / answer / reject
- Call waiting

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- Intercom, multicast
- Speed dial
- Anonymous call (hide caller ID)

Audio

- Narrowband codecs: G.711a/u, G.729, iLBC, G.723, G.726
- Wideband codecs: G.722, Opus
- Full-duplex hands-free speakerphone with AEC
- DTMF: in-band, out-of-band (RFC2833 / SIP INFO)

Video

- Sensor: 1/2.9" colour CMOS
- Pixels: 4 Mega
- Video coding: H.264
- Resolution: 720P / 1080P
- Minimum illumination: 0.05Lux, with infrared illumination support
- Viewing angle: Diagonal 122°; Horizontal 103°; Vertical 54.8°

Network

- Physical: 10/100 Mbps Ethernet
- IP mode: IPv4 / IPv6 / IPv4&IPv6
- IP configuration: Static IP / DHCP / PPPoE
- VPN: L2TP / OpenVPN
- VLAN

Protocols

- SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS
- RTP / RTCP / SRTP
- STUN, DHCP, IPv6, PPPoE, L2TP, OpenVPN, SNTP, FTP/TFTP, HTTP/HTTPS, TR-069

Deployment and Management

- Auto-provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based packet dump
- Configuration export / import
- Firmware upgrade
- Syslog

Physical Specifications

- Support for 1 DSS key
- 4 Mega-pixel starlight HD camera, with infrared light on the left and camera on the right (viewed from the front)
- RJ45 port x1: connect Internet or LAN; PoE+ enabled (IEEE 802.3at, class 4)
- Line-out port x1: connects to active speaker or amplifier; impedance 1000Ω; 2-pin terminal socket
- Short circuit input port x2
- Short circuit output port x2 (built-in relay): MAX DC30V/2A, AC125V/0.5A; active switching output 12V/500mA DC (only 1 relay supported); terminal socket
- Tamper alarm switch x1

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- 1/2 SD card slot x1
- 1/2 USB port x1
- 1/2 Wiegand port x1
- 1/2 RS-485 port x1
- 1/2 DC port x1: DC power input 12V–24V/2A; 2-pin terminal socket
- 1/2 Protection level: IP66 and IK10 (except lens)
- 1/2 Appearance: stainless steel panel decoration, aluminium alloy shell
- 1/2 Installation: wall-mounted and flush-mounted
- 1/2 Working temperature: -40°C to 70°C
- 1/2 Storage temperature: -40°C to 70°C
- 1/2 Working humidity: 10%–95%
- 1/2 Dimensions (with wall-mounted bracket): 20.5 x 5.45 x 12 cm

Price: Â£341.70