

Fanvil A11 Audio Intercom (A11)



Product Name: Fanvil A11 Audio Intercom (A11)

Manufacturer: Fanvil

Model Number: A11

Fanvil A11 Audio Intercom

The Fanvil A11 Audio Intercom is designed for demanding outdoor communication environments, delivering reliable two-way audio communication with exceptional durability. Equipped with a 5W high-power speaker, turbine acoustic design, and dual-microphone noise reduction technology, the A11 ensures clear voice transmission even in noisy industrial, commercial, and public settings. Its rugged stainless steel front panel, aluminium alloy housing, and IP66 & IK10 protection ratings provide outstanding resistance against water, dust, corrosion, and vandalism, making it ideal for 24/7 outdoor deployment.

Fanvil A11 Audio Intercom Key Features:

- 2 SIP lines for flexible communication
- 5W high-power speaker with turbine acoustic design
- Dual-microphone noise reduction technology
- Full-duplex hands-free communication with AEC
- Speed dial and anonymous calling support
- IP camera linkage for integrated security applications
- MP3 broadcasting functionality
- TF card support
- Built-in relay and switch signal input/output interfaces
- Power over Ethernet Plus (PoE+) and DC power support
- IP66 weatherproof and IK10 vandal-resistant protection
- Suitable for industrial, commercial, and outdoor environments

The Fanvil A11 Audio Intercom combines enterprise-grade SIP communications with robust outdoor protection, making it ideal for access control, security communications, industrial facilities, car parks, transport hubs, schools, and public spaces. With support for multicast paging, remote management, programmable functions, and extensive network protocol compatibility, the A11 provides a reliable and scalable communication solution for a wide range of applications.

Fanvil A11 Audio Intercom Technical Specifications

Generic

- 2 SIP lines
- Speed dial
- IP camera linkage for video intercom integration
- Oral IP address announcement (English)
- MP3 broadcasting
- Line-out audio output interface
- Switch signal input and output
- TF card support
- Power supply:

• DC 12V–24V / 2A

• PoE+ (IEEE 802.3at Class 4)

Device Functions

- Auto-answer

Fanvil A11 Audio Intercom (A11)

- Programmable DSS keys
- Web-based volume adjustment
- Network time synchronisation
- Time plan and task management
- SIP call forwarding to multicast
- Dynamic multicast functionality
- HTTP API support
- Action URL / Active URI

Call Features

- Call out / answer / reject
- Call waiting
- Intercom and multicast paging
- Speed dial
- Anonymous calling (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 Acoustic Echo Cancellation (AEC)

• DTMF support:

- In-band
- RFC2833
- SIP INFO

Network

- 10/100 Mbps Ethernet
- IPv4 / IPv6 support
- Static IP, DHCP, PPPoE
- VPN support:

- L2TP
- OpenVPN

- VLAN support

Fanvil A11 Audio Intercom (A11)

Protocols

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

Deployment & Management

• Auto provisioning via:

- HTTP / HTTPS
- DHCP OPT66
- SIP PnP
- TR-069

- Web management portal
- Web-based packet capture
- Configuration export and import
- Firmware upgrade
- Syslog support

Interfaces & Connectivity

- 1 × RJ45 Ethernet port
- 1 × Line-out port for active speaker or amplifier

- Output impedance: 1000Ω
- 2-pin terminal socket

- 1 × Built-in relay output

- Relay rating: Max DC30V / 2A
- AC125V / 0.5A

• Active switching output:

- 12V / 500mA DC

- 2 × Short-circuit input ports
- 1 × Tamper alarm switch

Fanvil A11 Audio Intercom (A11)

- 1 × TF / SD card slot
- 1 × DC power input

Physical Specifications

- 1 DSS key
- Protection rating:

- IP66 weatherproof
- IK10 vandal-resistant (excluding lens area)

Construction:

- Stainless steel front panel
- Aluminium alloy housing

Installation options:

- Wall mounted (standard)
- Flush mounted (EX611 optional)

- Power consumption (PoE+): 1.38W – 9.1W
- Power consumption (12V/2A adapter): 0.83W – 7.4W
- Operating temperature: -40°C to 70°C
- Storage temperature: -40°C to 80°C
- Operating humidity: 10% – 95%
- Dimensions: 100.95 × 100 × 45 mm (with wall bracket)

Packaging

Package contents:

- Fanvil A11 Audio Intercom
- Quick Installation Guide
- Wall-mounted bracket
- Mounting template
- Screw pack

- Gift box dimensions: 106 × 55 × 113 mm
- Outer carton dimensions: 245 × 232 × 246 mm
- Quantity per carton: 16 units
- Net weight per carton: 9.544 kg
- Gross weight per carton: 10.054 kg

Please Enquire