



A11

Fanvil Audio Intercom

Datasheet

Fanvil A11 is an outdoor audio intercom specifically designed for harsh environments. It features a 5W high-power speaker combined with a turbo sound chamber acoustic structure, and is equipped with advanced dual-microphone noise reduction algorithms to ensure clear and powerful two-way voice communication even in noisy environments. The device adopts a stainless steel panel and an integrated aluminum alloy body, meeting IP66 dustproof and waterproof standards and IK10 vandalism resistance level. With excellent corrosion and impact resistance, it provides stable and reliable protection for all-weather outdoor operation.

Highlights

- Intelligent audio: Equipped with AEC, ANR, AGC, AVC speech algorithms to ensure clear communication in complex environments.
- Remote pickup: Remote pickup can reach up to 5 meters and accurately captures every word.
- Broadcast: Built-in SD card slot supports recording and preset broadcast, flexible and diverse.
- Protection grade: IP66 waterproof and dustproof grade, Stainless steel panel with aluminum alloy structure, beautiful corrosion resistance, up to IK10 anti-riot standard.
- High compatibility: Compatible with SIP-based mainstream IP PBX/ softswitch /IMS platforms, such as Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya, etc.
- Rich interfaces: Audio line output, short circuit input/output, to meet diverse needs



Specifications

A11		
Generic	2 SIP Lines	
	Speed dial	
	Linkage with IP camera to realize video intercom	
	Oral announcement of the IP address (in English)	
	MP3 broadcasting	
	Line-out audio output interface	
	Switch signal input and output	
	Support TF card	
	Support DC 12V-24/2A power supply and Power over Ethernet (PoE+)	
	Auto-answering	
Device Functions	Programmable DSS keys	
	Through web page volume adjustment	
	Network time synchronization	
	Time Plan (task management)	
	SIP call forwarding to multicast	
	Dynamic multicast function	
	HTTP API	
	Action URL / Active URI	
	Call out / answer / reject	
	Call waiting	
Call Functions	Intercom, multicast	
	Speed dial	
	Anonymous call (Hide caller ID)	
Audio	Narrowband codec	G.711a/u, G.729, iLbc, G.723, G.726
	Wideband codec	G.722, Opus
		Full-duplex hands-free speakerphone with AEC
	DTMF	In-band, Out-of-Band (RFC2833/ SIP INFO)
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 & Management	Auto-Provisioning via HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069	
	Web Management Portal	
	Web-based packet dump	
	Configuration export / import	
	Firmware upgrade	
	Syslog	
	Support 1 DSS key	
	RJ45 Port *1	connect the Internet or LAN PoE+ enabled (IEEE 802.3at, class 4)
	Line-out port *1	connect the active speaker or the amplifier Out: the impedance value is 1000 Ω Port: 2 pin terminal socket
	Short circuit output port *1 (built-in relay)	Relay:MAX DC30V / 2A, AC125V / 0.5A Active switching output:12V/500mA DC (only 1 relay support) Port: terminal socket
	Tamper alarm switch *1	
	Short circuit input *2	
	Line-out interface *1	
SD card slot *1	connect SD card	
DC port×1: DC power input	DC power input: DC 12V~24V/2A Port: 2 pin terminal socket	
Protection level	IP66 and IK10 (except lens)	
Appearance material	Stainless steel panel decoration, aluminum alloy shell	
Physical Specifications	Installation	wall-mounted(Standard) & flush-mounted(model : EX611,option)
	Power Consumption (PoE+)	1.38~9.1W
	Power Consumption (12V/2A Adapter)	0.83~7.4W
	Working Temperature	-40°C ~ 70°C
	Storage temperature	-40°C ~ 80°C
	Working Humidity	10 ~ 95%
	Qty/CTN	16 PCS
	N.W/CTN	9.544kg
	G.W/CTN	10.054kg
	Device Dimensions	100.95*100*45mm (with on Wall-mounted bracket)
	Gift Box Dimensions	106*55*113mm
	Outer CTN Dimensions	245*232*246mm (16 Pcs)
		Video Intercom*1
		Quick Installation Guide*1
	Package Contents	Wall-mounted bracket(standard) *1 Mounting Template *1 package of screws *1
Compliance		

About LINKVIL

As a sub-brand of Fanvil, LINKVIL focuses on the research and development of A&V-IoT wireless communication products. Based on Audio & Video -IoT, LINKVIL helps customers to achieve full connection of wireless communication systems and will build a wireless communication Eco-system for multi-scenarios to help different industries accelerate their digital transformation.

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More Information

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.

For more information, please visit: www.fanvil.com



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