

Fanvil



A11V

Fanvil Video Intercom

Datasheet

Fanvil A11V is an outdoor video intercom specifically designed for harsh environments. It is equipped with a 4MP wide-angle camera, built-in IR light and HDR technology, delivering excellent day and night imaging. Featuring a 5W high-power speaker combined with a turbo sound chamber acoustic structure, and paired with advanced dual-microphone noise reduction algorithms, it ensures 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 outstanding corrosion and impact resistance, it provides stable and reliable protection for all-weather outdoor operation.

Highlights

HD video: Built-in 4 Mega-pixel HD camera camera and infrared light, enabling high-definition video calls.

Specifications

A11V		
Generic	2 SIP Lines	
	Speed dial	
	Video calling	
	Infrared lighting	
	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+)	
	Device Functions	Auto-answering
		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 Functions	Call waiting	
	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
	DTMF	Full-duplex hands-free speakerphone with AEC
		In-band, Out-of-Band (RFC2833/ SIP INFO)
Video	Sensor	1/2.9" color CMOS
	Pixels	4 Mega-pixel HD camera
	Video coding	H.264
	Resolution	720P/1080P
	Minimum illumination	0.05Lux, support for infrared illumination
	Viewing angle :	Diagonal: 131°
		Horizontal: 109°
		Vertical: 60°
Network	Physical	10/100 Mbps Ethernet
	IP mode	IPv4/IPv6/IPv4&IPv6
	IP configuration	Static IP / DHCP / PPPoE
	VPN	L2TP / OpenVPN

Protocols	VLAN	
	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	
	Auto-Provisioning via HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069	
Deployment & Management	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 1000Ω	
Short circuit output port *1 (built-in relay)	Port: 2 pin terminal socket	
	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	
Physical Specifications	SD card slot *1	connect SD card
	DC portx1: 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
	Installation	wall-mounted(Standard) & flush-mounted(model :
		EX611,option)
	Power Consumption (PoE+)	3.15~10.2W
	Power Consumption (12V/2A Adapter)	2.4~8.4W
	Working Temperature	-40°C ~ 70°C
	Storage temperature	-40°C ~ 80°C
Working Humidity	10 ~ 95%	
Qty/CTN	16 PCS	
N.W/CTN	9.72kg	
G.W/CTN	10.23kg	

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)
Package Contents	Video Intercom*1
	Quick Installation Guide*1
	Wall-mounted bracket(standard) *1
	Mounting Template *1
	package of screws *1
Compliance	CE FC RoHS

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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