

A330 & A330i

Fanvil Touch Screen Android Console IP Phone

Datasheet

Fanvil A330 / A330i is a professional IP communication console designed for centralized communication, paging, and operational coordination in enterprise and institutional environments. Featuring a 10.1-inch 1280×800 touchscreen, it delivers MP3-quality audio with background noise reduction and full-duplex voice communication for clear interactions. With a 13MP adjustable camera and privacy shutter, the A330 / A330i supports the H.264 video codec to deliver smooth video calls and real-time monitoring. Comprehensive call handling functions - including call recording, call forwarding, and audio/video conferencing, while dual Gigabit Ethernet, Wi-Fi 6 (2.4 GHz / 5 GHz), and Bluetooth 5.4 ensure reliable connectivity across wired and wireless networks.

A330 / A330i with the built-in unified communication & dispatch system enables automatic device discovery, rapid deployment and centralized management of up to 300 endpoints. An advanced task management framework allows one-touch live paging / pre-recorded audio broadcasting / rapid conferencing, and the tasks could be executed on schedule, triggered via DTMF, network commands, and alarm input ports for diverse communication scenarios. The unattended management mode automatically forwards calls to designated on-duty personnel to ensure critical calls and emergency events are not missed, while video decoding with HDMI output enables video tour mode and extended monitoring.



Highlights

- 10.1-inch touchscreen with high-quality full-duplex audio and noise reduction
- 13MP camera with privacy shutter and gooseneck microphone (A330i)
- Dual Gigabit Ethernet, Wi-Fi 6, and Bluetooth 5.4
- Centralized management of up to 300 IP endpoints
- Flexible task triggering via Single touch, Scheduling, DTMF, Network commands, and Alarm inputs
- Unattended Management Mode with automatic call forwarding
- H.264 video codec, video tour mode & HDMI output for extended monitoring
- 8 × short-circuit inputs, 1 × short-circuit output, 1 × RS-485, 1 × HDMI, 1 × Line-in / Line-out

Specifications

Generic		20 SIP Lines
		HD Voice
		Support Video Call
		PoE Enabled
		10.1-inch (1280x800) touch screen
		Handset / Hands-free / Headset mode
		116 * Intelligent DSS Keys (virtual buttons)
		External Power Supply
Operation System		Android 14.0 OS
		Built-in applications: Files, Calendar, Gallery, Browser, Calculator, Notepad, Clock, Video, Music
		API Support
		Support Third-party Applications Installation
Phone Functions		Local Phonebook (2000 entries)
		Remote Phonebook (XML/LDAP, 2000 entries)
		Intelligent Search for Contacts and Call Log
		Call Logs (In/out/missed, 1000 entries)
		Black / White List Call Filter
		Screen Saver
		Voice Message Waiting Indication (VMWI)
		Programmable DSS / Soft Keys
		Network Time Synchronization
		Built-in Bluetooth 5.4
	Built-in Wi-Fi 6	2.4GHz, 802.11 b/g/n
		5GHz, 802.11 a/n/ac
		Action URL / Active URI
		Audio Recording, Call Recording
		Snapshot, Screenshot
		SIP Hotspot
		Group Broadcasting
		Group Listening
Call Functions		Call out / Answer / Reject
		Mute / Unmute (Microphone)
		Call Hold / Resume
		Call Waiting
		Intercom
		Caller ID Display
		Speed Dial
		Anonymous Call (hide caller ID)
		Call Forwarding (always / busy / no answer)
		Call Transfer (attended / unattended)
		Call Parking / Pick-up (depending on server)
		Redial
		Do-Not-Disturb

		Auto-answering
		Voice Message (On server)
		10-party Audio Conference, 3-party Video Conference
		Hot Line
		Hot Desking
		BLF
Video	Video decoding	H.264, H.265(optional)
	Video call resolution	CIF / VGA / 4CIF / 720P / 1080P
	Image format	JPEG / PNG / BMP
	Video format	MP4
	Bandwidth selection	64kbps~4Mbps
	Frame rate selection	5~30fps
		Video From Remote Site Can Be Displayed in Full Screen
		Video Call
		Video Preview
	Camera	13 mega-pixel (Adjustable Angle)
		Mechanical shutter for privacy
Audio		HD Voice Microphone/Speaker
		HAC handset
		Wideband ADC / DAC 16KHz Sampling
	Narrowband Codec	G.711a/u, G.729AB, iLBC
	Wideband Codec	G.722, Opusv
		Full-duplex Acoustic Echo Canceller (AEC)
		Noise Reduction (NR)
		Packet Loss Concealment (PLC)
		Dynamic Adaptive Jitter Buffer
	DTMF	In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO
Network	Physical	10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
	IP Mode	IPv4, IPv6
	IP Configuration	Static / DHCP
	Network Access Control	802.1x
		QoS
		SIP-server primary and Backup
Protocols		SIP2.0 over UDP / TCP / TLS
		DNS A / SRV / NAPTR
		RTP / RTCP/ SRTP
		STUN
		DHCP
		802.1x
		SNTP
		HTTP/HTTPS
		TR-069
Deployment & Management		Auto-Provisioning via HTTP / HTTPS / DHCP OPT66 / SIP PNP / TR-069
		Web Management Portal
		Supports the Third-party Communication APP
		Supports Web, Telnet

		Supports Encrypted Configuration Files Download with AES
		Supports Web upgrade
		Supports factory reset data
		Network Diagnosis
		Network Firewall
		Online Upgrade
Physical Specifications	Color	Grey and White
	LCD x1	10.1- inch (1280x800 dpi) Touch Display Screen
	Physical keys *5	Volume - / Volume + / Home / Hands-free / Return
	HD Handset (RJ9) *1	Standard handset: without button (A330), PTM handset (A330i)
		PTT handset: push to talk button (optional)
	Directional microphone	Frequency response: 20Hz~20KHz
		SNR: ⩾60 dB.1kHz at 1 Pa
	RJ9 Port *2	Connect with Handset
	RJ45 Port *2	Network x1, PC *1 (Bridged to Network)
	Interface	Short circuit input *8
		Short circuit output *1
		HDMI interface *1
		Line-in interface *1
		Line-out interface *1
		Safety Keyhole *1
		USB2.0 Type A *1 (Support U-disk)
		USB3.0 Type C *1
		TF Card *1
	Power	DC 12V/3A or PoE+
	Power Consumption (PoE)	3.08W ~ 24.2W
	Power Consumption (Adapter)	2.13W ~ 20.1W
	Working Temperature	0 ~ 45℃
	Keypad: Working Humidity	10 ~ 95%
	Installation	Desktop
	Qty/CTN	10 Pcs
	N.W/CTN	19.79 kg
	G.W/CTN	20.90 kg
	Device Dimensions	Desktop Stand (Angles 45°): 309 x 214 x 187mm
		Desktop Stand (Angles 50°): 309 x 226 x 167mm
	Gift Box Dimensions	323 x 301 x 71mm
	Outer CTN Dimensions	624 x 383 x 348mm (10 Pcs)
	Package Contents	IP Console Phone*1
		12V/3A Adapter
		Handset*1
		Standard RJ9 Handset Wire *1
		Quick Installation Guide*1
		1.5M CAT5 Ethernet Cable *1
		Gooseneck Microphone *1 (A330i)
		Desktop Stand*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