



Network intercom terminal equipment

BA10

BA10 series SIP mini intercoms are designed for indoor scenes with security, intercom, and broadcasting functionality. They have a compact and fashionable appearance, featuring 2 SIP accounts and 3 detachable function buttons, and a PoE power supply. BA10 series have rich functions such as HD audio, IP54 waterproof and dustproof, and built-in 2.4G & 5G Wi-Fi (BA10W/BA10W-E), providing a high-quality.

Highlights

- ☑ Features 2 SIP accounts and 3 detachable function buttons
- ☑ Built-in 2.4G & 5G Wi-Fi (BA10W/BA10W-E)
- ☑ IP54 waterproof and dustproof
- ☑ Support HD audio with codec G.722 and Opus
- ☑ Built-in 2W speaker and Acoustic Echo Canceller (AEC)
- ☑ Built-in 1 short circuit input/output interface
- ☑ Support PoE power supply
- ☑ Support standard 86 box embedded (BA10-E/BA10W-E) and wall mountable (BA10/BA10W) installation

Detailed parameters

Generic	2 SIP lines	Protocols	SIP2.0 over UDP/TCP/TLS
	Auto answer		RTP/RTCP/SRTP
	HD Voice		STUN
	PoE Enabled		DHCP
	Built-in 2.4G & 5G Wi-Fi(BA10W/BA10W-E)		IPv6
	Intercom function		LLDP
	External Power Supply (Optional)		PPPoE
Intercom Functions	Support customized DSS keys		L2TP
	Network Time Synchronization		OpenVPN
	Built-in Wi-Fi (BA10W/BA10W-E) ➢ 2.4G, 802.11 b/g/n ➢ 5G, 802.11 a/n		SNTP
	Action URL / Active URL		FTP/TFTP
Audio	Narrowband Codec: G.711a/u, G.729AB, G.723.1, G.726, iLBC		HTTP/HTTPS
	Wideband Codec: G.722, Opus		TR-069
	Duplex intercom with Acoustic Echo Canceller (AEC)		BA10 Series:3 DSS button button;
	Voice Activity Detection (VAD) / Comfort Noise Generation (CNG)/ Background Noise Estimation (BNE)		Status indicator light Fast flashing red (registration failed 、 network anomaly) 、 Slow flashing
	Packet Loss Concealment (PLC)		Line out port x1: connect the active speaker ➢ Out: adjustable by volume, max up to 1.2Vpp.
	Dynamic Adaptive Jitter Buffer		1 RJ45 port
	DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO		1 short circuit input interface
Networking	IP Mode: IPv4/IPv6/IPv4&IPv6		1 relay: NC/NO Contacts,Max DC30V/1A, AC125V/0.5A
	Physical: 10/100 Mbps Ethernet Wi-Fi: 2.4G&5G (BA10W/BA10W-E)		Power: DC12V/1A or POE
	IP Configuration: Static / DHCP / PPPoE		Power Consumption (Adapter) Adapter): ➢ 0.94W~1.98 W (BA10/BA10 E) ➢ 1.42W~2.35W (BA10W/BA10W E)
	Wi-Fi Encryption: WPA /WPA2-PSK /802.X EAP		Power Consumption (PoE) PoE): ➢ 1.48W~2.37 W (BA10/BA10 E) ➢ 1.99W~3.05W (BA10W/BA10W E)
	VPN: L2TP / OpenVPN		Housing material: ABS
	VLAN		Installation: Indoor installation ➢ Standard 86 Box Embedded (BA10 E/BA10W E) ➢ Wall Mount able (BA10/
	LLDP		Color: Gunmetal
	QoS		working temperature:-10 ~50 °C Storage temperature: -20 ~ 5 0 °C
Deployment& Management	Auto Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR- 069		Relative humidity: 10% -9 0
	Web Management Portal		Qty/CTN CTN: 20 P CS
	Web based Packet Dump	N.W/CTN: 3.41 kg	
	Configuration Export / Import	G.W/CTN: 3.6 kg	
	Firmware Upgrade	Equipment Dimension : ➢ 87.56 x 87.56 x 3 0mm (Wall Mountable) ➢ 87.56 x 87.56 x 21.5mm (86 Box Embedded)	
	Syslog	Packing Dimension : 95x10 6 x40 mm Outer CTN Dimension: 224 x22 0 x21 0 mm (20)	