Algo 8201 IP PoE Intercom

Product Name: Algo 8201 IP PoE Intercom
Manufacturer: Algo
Model Number: Algo-8201

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The Algo 8201 SIP PoE Intercom serves as an IP doorphone, facilitating hands-free communication with visitors at secure entrance doors, gates, access points, and in-room intercom scenarios. This outdoor-rated intercom is fully compliant as a 3rd party SIP endpoint, ensuring its compatibility with a wide range of hosted/cloud and premise-based VoIP telephone systems.
Algo 8201 Key Features:

ï¿½ Secure SIP using TLS and SRTP.
ï¿½ Wideband HD voice for high intelligibility speech.
ï¿½ Initiates or accepts intercom calls.
ï¿½ Outdoor rated – conformal coated electronics.

Presenting the Algo 8201 SIP PoE Intercom: a versatile IP doorphone with a backlit call button for easy communication. Seamlessly activated via a telephone keypad, it suits room intercoms and secure access points like hospitals, classrooms, and data centers. Configurable through a user-friendly web interface or auto-provisioning, it's powered by PoE (IEEE 802.3af) for reliable performance..
Algo-8201 Technical Specifications
Power Input

ï¿½ PoE IEEE 802.3af
ï¿½ Nominal 2W Max 8W

Network Connection

ï¿½ Female RJ45 Jack

SIP

ï¿½ UDP, TCP, TLS, RTP, SRTP

Multicast

ï¿½ Receive 50 zones IGMP, RTP

Audio Codecs

ï¿½ G.711 A-law, G.711 u-law, G.722 Wideband

Configuration

ï¿½ Web interface or provisioning server

Web Interface

ï¿½ HTTP, HTTPS

Provisioning

ï¿½ TFTP, FTP, HTTP, HTTPS

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ï¿½ DHCP Options 66, 150, 160
ï¿½ Reboot via SIP check-sync

Networking

ï¿½ IPv4, DHCP, VLAN, MDNS
ï¿½ Link Layer: LLDP, CDP
ï¿½ QoS: DSCP
ï¿½ Supervision: SNMP V3
ï¿½ NAT: STUN, TURN, CRLF Keep Alive

SIP Outbound

ï¿½ Address Resolution: DNS, SRV Record
ï¿½ Redundancy: Secondary and tertiary SIP server
ï¿½ Time: NTP Server (up to four)
ï¿½ API: RESTful API (contact Algo for custom applications)

Enclosure

ï¿½ High impact UV stabilized flame retardant plastic with stainless steel (8201) or anodized aluminum (8203) faceplate

Button Functions

ï¿½ Call SIP Extension

Speaker

ï¿½ Weatherproof mylar 3W Neodymium magnet

Microphone

ï¿½ Omnidirectional

Hands-Free

ï¿½ Non-blocking two-way voice

Audio Memory

ï¿½ 1 GByte audio storage

Relay Output

ï¿½ NO, C, NC contacts rated 50 mA 30 V MAX. For resistive loads or solenoid with snubber, the contacts may switch up to 1 Amp.

Door Sensor Input

ï¿½ Max 6.5 kOhm external resistance. Selectable NC or NO input

Secure Door Control

ï¿½ Supports optional 8063 IP Door Controller

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Environmental

ï¿½ Outdoor IP66 -40 to +122 deg F (-40 to +50 deg C)

Dimensions

ï¿½ 4.5” W x 4.5'' H x 1.2” D
ï¿½ 11.5 cm W x 11.5 cm H x 3.0 cm D

Mounting

ï¿½ Flush or surface mount in a 2-gang electrical box. The 8201 includes a plastic bezel for surface mounting as a convenience. Surface mounting the 8203 requires an electrical box such as the Algo 3100 to accommodate conduit.

Regulatory Compliance

ï¿½ EN60950:2001, IEEE 802.3-2008, RoHS, CE, FCC Class A, CISPR 22 Class A, CISPR 24, CSA/UL (USA & Canada)

Price: £392.30