

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:

- Secure SIP using TLS and SRTP.
- Wideband HD voice for high intelligibility speech.
- Initiates or accepts intercom calls.
- 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

- PoE IEEE 802.3af
- Nominal 2W Max 8W

Network Connection

- Female RJ45 Jack

SIP

- UDP, TCP, TLS, RTP, SRTP

Multicast

- Receive 50 zones IGMP, RTP

Audio Codecs

- G.711 A-law, G.711 u-law, G.722 Wideband

Configuration

- Web interface or provisioning server

Web Interface

- HTTP, HTTPS

Provisioning

- TFTP, FTP, HTTP, HTTPS

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• DHCP Options 66, 150, 160
• Reboot via SIP check-sync

Networking

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

SIP Outbound

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

Enclosure

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

Button Functions

• Call SIP Extension

Speaker

• Weatherproof mylar 3W Neodymium magnet

Microphone

• Omnidirectional

Hands-Free

• Non-blocking two-way voice

Audio Memory

• 1 GByte audio storage

Relay Output

• 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

• Max 6.5 kOhm external resistance. Selectable NC or NO input

Secure Door Control

• Supports optional 8063 IP Door Controller

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Environmental

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

Dimensions

½ 4.5" W x 4.5" H x 1.2" D

½ 11.5 cm W x 11.5 cm H x 3.0 cm D

Mounting

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

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

Price: 452.05EUR
