Weatherproof IP Intercom for Convenience, Safety & Security.

8201

The Algo 8201 PoE SIP Intercom offers a compact form factor for hands-free two-way voice communication with visitors and guests integrated with your premise or hosted UC environment.

The outdoor-rated UV stabilized plastic enclosure, corrosion resistant faceplate, conformally protected circuitry and jam-proof backlit call button provide IP66 weather protection and protection from dust, sand and ice. The weatherproof all-in-one design can be surface or flush mounted in a standard double gang electrical box. The 8201 also includes a surface mount plastic bezel for maximum installation flexibility.

Wideband G.722 codec support provides optimum speech clarity and intelligibility for critical safety applications where reliable voice communication is a primary consideration. The 8201 also supports multicast for voice paging.

Integration with any SIP enabled UC environment means that the 8201 SIP Intercom can be configured to communicate with any device, phone or client that is connected to the communication network.

An internal relay activated by telephone key press can be used for door or gate control and for maximum security the intercom is compatible with the Algo 8063 IP Door Controller which can be remotely located. An input is also provided for wiring to a door contact for monitoring door position and detection of door tampering.

Installation and configuration are simplified by the intuitive web interface and centralized provisioning features. Until registered with a SIP server, a quick press of the call button "speaks" the IP address enabling secure HTTPS access to the web interface using a standard web browser.

The 8203 version is identical in features but is equipped with a 0.4 inch (1 cm) thick milled aluminum faceplate and backlit piezo switch for vandal prone locations or correctional applications.

8203

Order Codes:

8201   SIP Intercom With Stainless Steel Faceplate
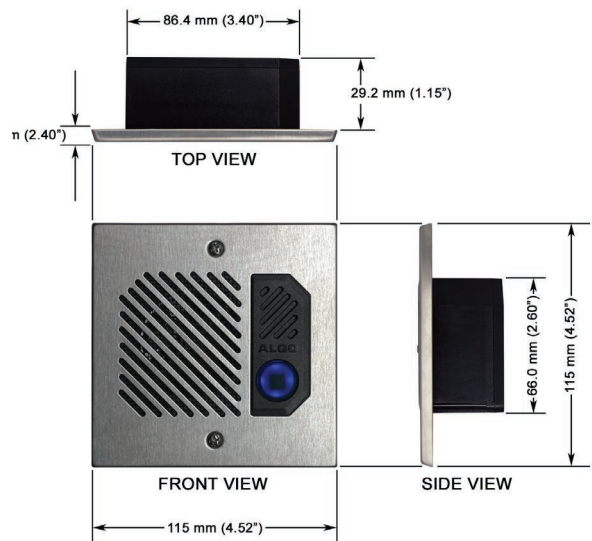**8203**   SIP Intercom Vandal Proof

Specifications

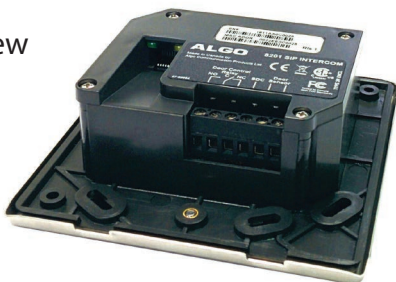|	
Power Input:	PoE IEEE 802.3af . Nominal 2W Max 8W
Network Connectionr:	Female RJ45 Jack
SIP:	UDP, TCP, TLS, RTP, SRTP
Multicast:	Receive 50 zones IGMP, RTP
Audio Codecs:	G.711 A-law, G.711 u-law, G.722 Wideband
Configuration:	Web interface or provisioning server
Web Interface:	HTTP, HTTPS
Provisioning:	TFTP, FTP, HTTP, HTTPS 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
Environmental:	Outdoor IP66 -40 to +122 deg F (-40 to +50 deg C)
Dimensions:	4.5" W x 4.5" H x 1.2" D 11.5 cm W x 11.5 cm H x 3.0 cm D
Mounting:	Flush or surface mount in 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 acommodate conduit.
Regulatory Compliance:	EN60950:2001, IEEE 802.3-2008, RoHS, CE, FCC Class A, CISPR 22 Class A, CISPR 24, CSA/UL (USA & Canada)

8201 Rear View

8201 Surface Mount Bezel

8201 Dimensions

86.4 mm (3.40")
29.2 mm (1.15")
n (2.40")
TOP VIEW
66.0 mm (2.60")
115 mm (4.52")
FRONT VIEW **SIDE VIEW**
115 mm (4.52")

8203 Dimensions

86.4 mm (3.40")
34.3 mm (1.35")
mm (0.45")
TOP VIEW
66.0 mm (2.60")
117 mm (4.60")
FRONT VIEW **SIDE VIEW**
118 mm (4.65")