Vandal-proof two-way communication for door entry control and call stations.

The 8203 Vandal-Proof IP Intercom is a rugged low-profile, outdoor-rated intercom.

A VANDAL-PROOF, OUTDOOR INTERCOM

The Algo 8203 Vandal-Proof IP Intercom is a durable, outdoor-rated intercom built with an anodized aluminum faceplate and UV stabilized, flame-retardant plastic. It can be surface or flush mounted into a 2-gang box, enabling reliable communication in harsh environments like parking lots or perimeter access points.

MANAGE VISITOR ACCESS AND COMMUNICATION

The 8203 intercom provides a simple solution for building or facility visitors to request access to restricted areas or request assistance. By pressing the backlit, tactile call button, visitors can initiate clear communication with operators via wideband audio. For door entryways or access points, a telephone keypad can be pressed to allow visitor access.

CONNECT TO VOIP AND UC SYSTEMS

As a SIP-compliant intercom, the 8203 can be integrated with UC platforms like Microsoft Teams, Zoom, and RingCentral as well as other VoIP technology. Configure these connections and other features such as RESTful API, ZTP, and multicast in an intuitive web interface from a remote location or on-site.

KEY FEATURES

— Thick, anodized aluminum faceplate
— UV stabilized flame-retardant plastic
— Vandal-proof grill
— Backlit, tactile, solid call button
— Outdoor-rated
— Wideband HD voice for high intelligibility speech.
— Multicast-capable
— SIP-compliant
— Configuration via user friendly web interface or auto-provisioning

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PS-8203-29082024

INFO 1-604-454-3790

SUPPORT 1-604-454-3790

POWER

POWER INPUT	PoE (IEEE 802.3af Class 0) 48V, 12.95W
MAX POWER	4 W
IDLE POWER	2 W

SIP

SIP EXTENSIONS	One extension to initiate or answer call
SIP SIGNALLING/ TRANSPORT PROTOCOLS	UDP, TCP, RTP
SECURITY	TLS, SRTP, Mutual Authentication

CONNECTIONS & INTEGRATIONS

RTP MULTICAST	Receive 50 zones
API	RESTful API
THIRD PARTY	• Poly Group Page™ • Microsoft Teams®

CONFIGURATION & PROVISIONING

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
ZTP	Supported
SUPERVISION	Compatible with Algo Device Management Platform (ADMP), Algo 8300 IP Controller, any third-party SNMP monitoring software, and RTCP

NETWORKING

NETWORK	IPv4, IPv6, DHCP, VLAN, MDNS
CONNECTION	RJ45 Jack
LINK LAYER	LLDP, CDP
SECURITY	IEEE 802.1X
QOS	DSCP (SIP, RTP, RTCP)
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)

AUDIO

AUDIO CODECS	G.711 u-law, G.711 A-law, G.722 Wideband
TWO-WAY AUDIO	Yes
AUDIO MEMORY	1 GB

INPUT / OUTPUT

DOOR RELAY OUTPUT	Max 30V 50mA (common, normally open, normally closed dry contact). For resistive loads or solenoid with snubber the contacts may switch up to 1 Amp.
DOOR RELAY LOCATION	On intercom. For indoor secure relay, use an Algo 8063 sold separately.
DOOR RELAY POWER	None. Optional 8063 sold separately.
DOOR SENSOR INPUT	Max 6.5 kOhm external resistance. Selectable normally open or normally closed input.
BUILT-IN CALL BUTTON	Yes
SECURE DOOR CONTROL	Supports optional 8063 IP Door Controller

ENVIRONMENTAL & MECHANICAL

ENVIRONMENTAL	• -40 to +50° C (-40 to +122° F) • Outdoor rated (appropriate gaskets may be required)
DIMENSIONS (PRODUCT)	4.5" x 4.5" x 1.65" (11.5 cm x 11.5 cm x 4.2 cm)
WEIGHT (PRODUCT)	0.5 lbs (0.2 kg)
WEIGHT (SHIPPING)	0.90 lbs (0.4 kg)
MOUNTING	Flush mount in 2-gang electrical box.
ENCLOSURE	High impact UV stabilized flame retardant plastic with anodized aluminum faceplate

COMPLIANCE

RoHS, CE, FCC Class A, CISPR 22 Class A, CISPR 24, CSA/UL (USA & Canada)

FRONT

BACK

ORDERING CODES:

8203	Vandal-Proof IP Intercom