

IP digital I/O module for door control and automation.

The Algo 8063 IP Door Controller is a compact I/O interface for secure door control.



ADDED SECURITY FOR DOOR CONTROL

The Algo 8063 IP Door Controller is a PoE digital I/O interface designed for door control and IP integration with legacy infrastructure. For full door control, integrate the Algo 8063 with Algo intercoms such as the Algo 8201, 8036, or 8039. The Algo 8063 can connect to peripheral hardware such as door strikes and alarm control systems.

CUSTOMIZE FOR ADDITIONAL I/O APPLICATIONS

With two relay outputs and two relay inputs, the 8063 is compatible with dry contact closure. The 8063 can be used for applications beyond secure door control, including handicap door access with an egress button, event detection, and other general purpose relay activation of connected devices.

CONNECT TO VOIP AND UC SYSTEMS

As a SIP-compliant intercom, the 8063 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

- Digital I/O interface
 - Two relay outputs
 - Two relay inputs (compatible with dry contact closure)
- PoE (IEEE 802.3af)
- SIP-compatible
- Multicast-capable
- Configurable via web interface

POWER	
POWER INPUT	PoE/PoE+ IEEE 802.3af/at (48 V)
MAX POWER	12.95 W (PoE), 25.5 W (PoE+)
IDLE POWER	2.5W
SIP	
SIP EXTENSIONS	Optional SIP extension when used in standalone mode. Typically used without SIP when paired with an Algo intercom.
SIP SIGNALLING/ TRANSPORT PROTOCOLS	UDP, TCP, RTP
SECURITY	TLS, SRTP, Mutual Authentication
CONNECTIONS & INTEGRATIONS	
RTP MULTICAST	Receive up to 50 zones (for relay activation)
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	
NETWORKING	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	N/A
TWO-WAY AUDIO	N/A
AUDIO MEMORY	N/A
INPUT / OUTPUT	
DOOR RELAY OUTPUT	Max 30V 2A (normally open, normally closed dry contact). Activated by Algo intercom models 8201, 8036, 8039. Can also be activated by SIP, multicast, or Restful API.
DOOR RELAY LOCATION	On product, allowing it to be located securely indoors.
DOOR RELAY POWER	• 24Vdc 500mA (PoE+) • 24Vdc 200mA (PoE)
RELAY INPUT 1	• Normally open, normally closed dry contact • Functions: Door open, door open detection • Compatible with Algo models: 1202, 1203
RELAY INPUT 2	• Normally open, normally closed dry contact • Functions: Door open, door open detection • Compatible with Algo models: 1202, 1203
AUX OUT RELAY	Max 30V 1A noninductive and non-capacitive (normally open)
BUILT-IN CALL BUTTON	None

ENVIRONMENTAL & MECHANICAL	
ENVIRONMENTAL	• 0 to + 40° C (32 to 104° F); 10-95% RH non-condensing. • Dry indoor locations only
DIMENSIONS (PRODUCT)	3.25" x 1.2" x 5.4" (8.3 cm x 3.0 cm x 13.7 cm)
DIMENSIONS (SHIPPING)	4.5" x 2.5" x 7" (11.43 cm x 6.35 cm x 17.78 cm)
WEIGHT (SHIPPING)	1 lbs (0.45 kg)
MOUNTING	Wall mountable or tabletop
ENCLOSURE	Metal
COMPLIANCE	
RoHS, CE, FCC Class B, CISPR 22 Class A, CISPR 32 Class B, CISPR2 24, CSA/UL (USA & Canada)	

FRONT/OBLIQUE LEFT VIEW



ORDERING CODES:

8063 IP Door Controller

