

### 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/<br>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                            | <ul style="list-style-type: none"> <li>• Poly Group Page™</li> <li>• Microsoft Teams®</li> </ul>   |
| CONFIGURATION & PROVISIONING           |  |
| CONFIGURATION                          | Web interface or provisioning server   |
| WEB INTERFACE                          | HTTP, HTTPS  |
| PROVISIONING                           | <ul style="list-style-type: none"> <li>• TFTP, FTP, HTTP, HTTPS</li> <li>• DHCP Options 66, 150, 160</li> <li>• Reboot via SIP 'check-sync'</li> </ul>   |
| 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                       | <ul style="list-style-type: none"> <li>• 24Vdc 500mA (PoE+)</li> <li>• 24Vdc 200mA (PoE)</li> </ul>  |
| RELAY INPUT 1                          | <ul style="list-style-type: none"> <li>• Normally open, normally closed dry contact</li> <li>• Functions: Door open, door open detection</li> <li>• Compatible with Algo models: 1202, 1203</li> </ul> |
| RELAY INPUT 2                          | <ul style="list-style-type: none"> <li>• Normally open, normally closed dry contact</li> <li>• Functions: Door open, door open detection</li> <li>• Compatible with Algo models: 1202, 1203</li> </ul> |
| AUX OUT RELAY                          | Max 30V 1A noninductive and non-capacitive (normally open)   |
| BUILT-IN CALL BUTTON                   | None   |

| ENVIRONMENTAL & MECHANICAL |   |
|----------------------------|---|
| ENVIRONMENTAL              | <ul style="list-style-type: none"> <li>• 0 to + 40° C (32 to 104° F); 10-95% RH non-condensing.</li> <li>• Dry indoor locations only</li> </ul> |
| 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

