

The 8063 is actually a very versatile device and a lot more than simply a "door controller". We've been adding many features, so this name might not be appropriate anymore. Maybe consider calling it a "door & IO (or relay) controller" or something similar to highlight its relays inputs and outputs.

## IP Digital IO for Door Control & Automation



The Algo 8063 IP Door Controller is a compact PoE powered digital IO interface designed specifically for door opening control and IP integration with facility infrastructure.

The 8063 replaces the Algo 8061 as a secure remote door controller compatible with the Algo 8201, 8036 and 8039 IP door intercoms. Locating the door control interface remotely eliminates any possibility of tampering for unauthorized access. A secure encrypted IP connection between the IP intercom and 8063 allows remote door or gate release for safety, security and convenience using the dial pad of any device registered to the UC platform.

Secure SIP capability (TLS, mTLS, SRTP) enables the 8063 to register with any premise or cloud SIP based UC platform. The two output relays can be activated or de-activated directly from a ring event to a 8063 SIP extension. The 8063 can also be configured to answer the SIP call and request a password for door control or relay activation.

The output relays may also be activated from a multicast stream to activate ancillary equipment, generated for example by an Algo 8301 bell scheduler.

The two low voltage inputs can be used to connect a door sensor contact and/or egress button. Detection of an open door can prevent tailgating by de-activating the

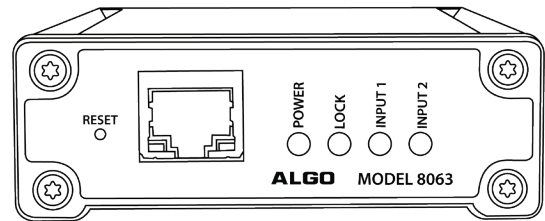
door relay. Door open detection can also be used to stop ringing from a door intercom or to monitor for a jammed door. Other possibilities for the inputs include machine status monitoring or event notification from motion detectors, environmental sensors etc entering the realm of IoT applications. Upon event detection the 8063 can initiate a phone call and play a recorded message.

The 8063 also provides an isolated 24 Vdc battery from PoE rated at 200 mA or 500 mA depending on PoE power availability which can be used in conjunction with the relays to directly energize an electric door strike.

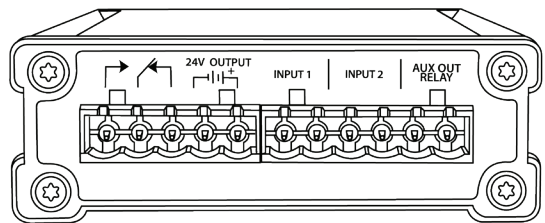
### Applications:

- Secure door control for Algo IP door intercoms
- Door or gate control using SIP
- General purpose relay activation of other equipment
- Handicap door access with egress button
- Automatic door locking or unlocking as part of safety or emergency notification
- Event detection and supervision using relay inputs
- Integration between UC and OT (operational technology)

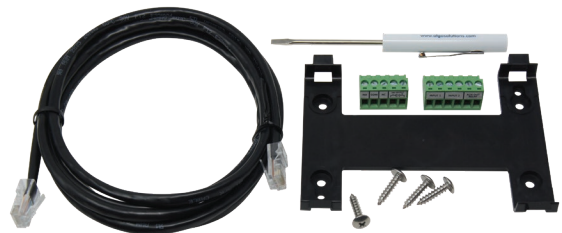
## Front View



## Rear View



## Included Accessories



### Order Code:

8063 IP Door Controller

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Note: Specifications are subject to change without notice. Some features may only be available in specific firmware or hardware releases.