Algo 8028 SIP Door Phone / IP Intercom

Product Name: Algo 8028 SIP Door Phone / IP Intercom
Manufacturer: Algo
Model Number: 8028

Algo 8028 SIP Door Phone / IP Intercom
The Algo 8028 Door Phone is an outdoor rated IP intercom compatible with premise based and hosted SIP communication servers. By connecting to the VoIP telephone system, arriving visitors and guests can be greeted from any telephone or client and allowed entry by a simple key press.
Algo 8028 Key Features

• Compatibility SIP
• Configuration Web Interface or TFTP Auto-Provisioning
• Network Address DHCP or static IP address
• NAT* STUN Server or Keep-Alive * (Network Address Translation)
• Speech Full Duplex Capable
• Codec G.711
• Physical Separate Controller and Door Station

Installation is simple and secure by use of single pair telephone wiring to the all weather digital door station, and a remotely located access control relay prevents tampering. Included brass and stainless steel faceplates combine with easy surface or recessed mounting to make the Algo 8028 Door Phone well suited for many applications including commercial, industrial, public facility, or private residence.
How it Works

• Visitors press a backlit call button on the two wire Door Station to initiate ring on one or more telephones
• Answering the ringing phone enables communication with the visitor and door unlock capability

Algo 8028 - Technical Specifications
SIP

• SIP Endpoint with auto-provisioning capability
• Web interface for remote configuration
• Initiates or accepts calls

Single Pair Digital Door Station

• Single pair 24 AWG wiring up to 1,000 Ft (300 m) from controller
• Flush or surface mount weather-resistant enclosure
• Full duplex capable
• Stainless steel or brass
• Backlit call button

Security & Safety

• Door control relay located securely inside the premise at the Controller location
• Network connection not exposed outdoors
• CSA/UL approved for outdoor location
• Supervised link to door station

Door Sensor & External Call Button

• Door sensor or call button input at controller or door station

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• In-use or call button output at controller or door station
• Door control relay from controller with available 24 V 300 mA power

Residential or Commercial

• FCC & CISPR22 Class B approval for residential use
• Single pair wiring for easy retrofit
• Equally suited for commercial, residential, or public facility

Typical Applications

• Secure Business Entrances
• Access Control
• Residential Gates
• Airports
• Hospitals
• Hotels
• Schools & Campuses
• Parking Garages
• Nursing Homes
• Prisons
• Casinos

General

• Compatibility SIP
• Configuration Web Interface or TFTP Auto-Provisioning
• Network Address DHCP or static IP address
• NAT* STUN Server or Keep-Alive * (Network Address Translation)
• Speech Full Duplex Capable
• Codec G.711
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Controller

• Power AC Mains Adapter 95-230 V 50/60 Hz Included
• Indicators Power, Door Station Status, In-Use, Door Unlock
• Network Connection RJ45 Jack
• Installation Shelf or wall mounted
• Environmental Dry indoor location
• Door Control Connection 5 Position terminal strip
• Door Control Power Available 24 V, 300 mA Strike power +/-
• Door Control Relay Relay C, NO, NC phone keypad activated; Maximum 30 V, 1 A
• Door Station Connection RJ12 Jack Center Pair
• Door Station Wiring 24 AWG Twisted Pair to 1000 Ft (300 m)
• Auxiliary Input Connection RJ12 Jack Second Pair
• Auxiliary Input Electrical Detects dry contact closure 24 V 4 mA sensing current
• Auxiliary Input Functions Manual door release; Door control lockout; Door sensor NC (Default) or NO; Call button NC or NO; Disabled
• Auxiliary Output Connection RJ12 Jack Outside Pair
• Auxiliary Output Electrical Normally open switch 180 Ohms active Maximum 30 V, 50 mA
• Auxiliary Output Functions In-Use (Default); Ringing; Call button pressed; Door unlock; Door open (requires door sensor); Door alarm (requires door sensor); Door sensor NC (Default) or NO; Follow Controller input; Follow Door Station input; Disabled

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Door Station

• Power Provided by Controller link
• Wiring Up to 1000 Ft (300 m) 24 AWG single twisted pair to controller
• Signalling Digital link - bi-directional voice and data
• Call Button Backlit tactile silicon rubber
• Connections 6 Position terminal strip - Controller, Aux In, Aux Out
• Installation Flush or surface mounted using supplied plastic bezel; Fits two gang electrical box
• Environmental NEMA 3R Rated for outdoor locations; Ambient temperature -30 to +60° C.
• Auxiliary Input Functions Door sensor NC or NO; Call button NC or NO (Default); Disabled
• Auxiliary Input Electrical Detects dry contact closure 5 V, 1 mA sensing current
• Auxiliary Output Functions In-Use; Ringing; Call button pressed (Default); Door/gate unlock; Door open (requires door sensor); Door alarm (requires door sensor); Door sensor NC (Default) or NO; Follow Controller input; Follow Door Station input; Disabled
• Auxiliary Output Electrical Normally open switch 180 Ohms active; Maximum 30 V, 50 mA

Price: £368.00

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