RFID Secure Access Control Endpoint

CyberData
The IP Endpoint Company

The SIP-based RFID Access Control endpoint uses the existing VoIP or PoE network infrastructure to securely unlock and lock gates or doors.

PoE powered and in a secure outdoor-rated case, the RFID Secure Access Control endpoint can store up to 500 access codes. There is a blacklisted code list that when activated, will make a phone call and play a pre-recorded message or can broadcast a multicast message to IP speakers when registered to the VoIP server. Good code and blacklisted code lists can be updated on the web interface or autoprovisioned by a remote server.

This product comes with 5 RFID cards and instructions

CyberData has maintained one of the most comprehensive list of IP PBX servers certified to work with CyberData VoIP products.

Features

- Mifare Plus X 2K/4K cards are supported for a high level of encryption
- Alert buzzer
- Red/Green lock status lights
- Can operate in standalone mode. PBX not required. Future-proof and adaptable when upgrading to new VoIP PBX
- Built in time of access scheduler
- Local and remote logging with time stamp
- NTP time support
- Network web management
- Blacklisted code alert via dialout and multicast stored message
- Network downloadable firmware
- Dry contact relay to trigger door lock or unlock gates
- Door closure and tamper alert signal
- Security Torx screws with driver kit included
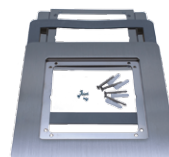
Related Products:

011432 Key Fobs

011422 RFID Cards Packet of 10

011188 Outdoor Intercom Shroud
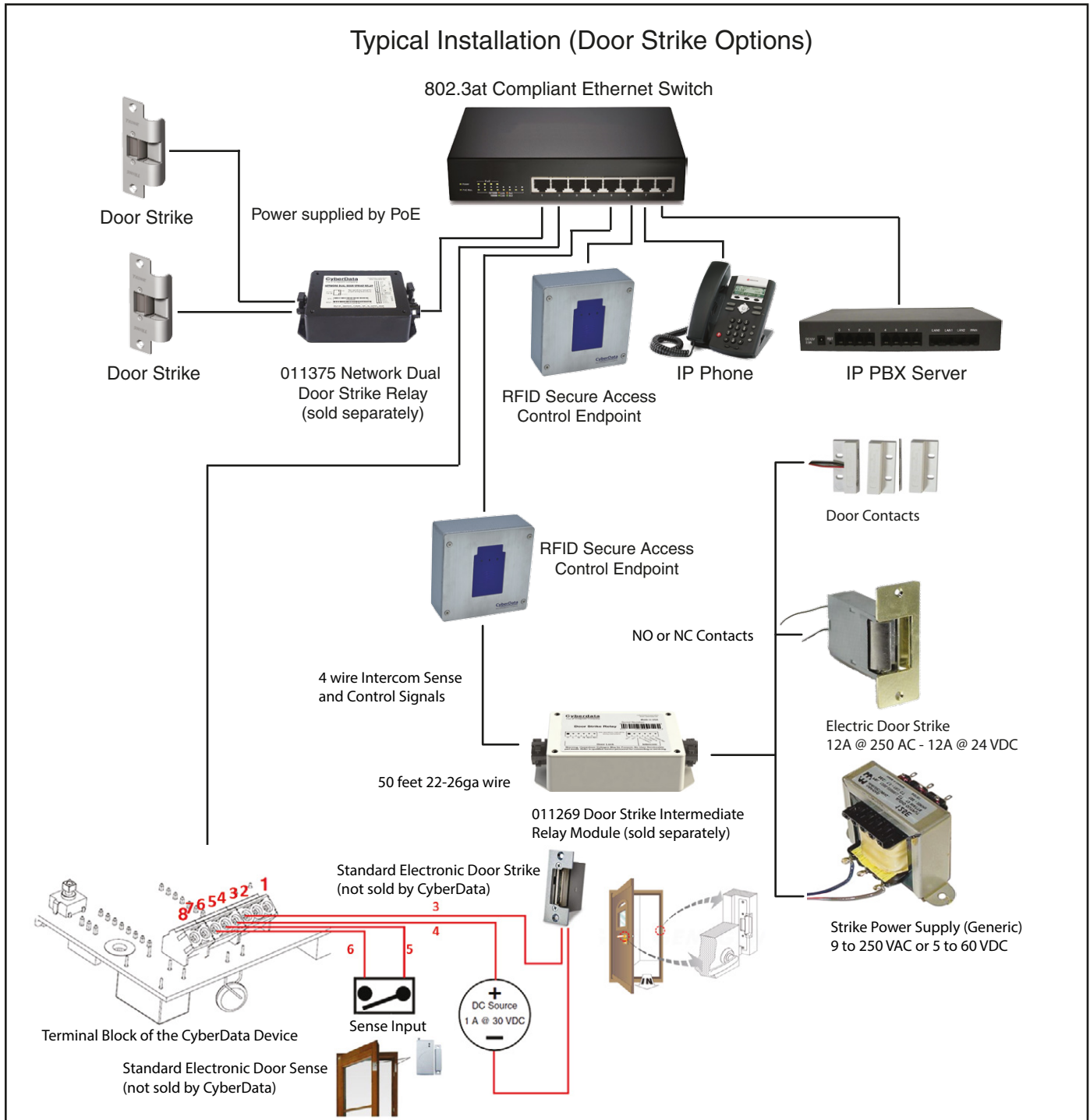
011423 Desktop Stand for 1X Outdoor Backboxes

011443 Flush Mount Kit, 1X

Specifications	
Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible
RFID Card Protocol	ISO/IEC 14443 Type A - 13.56 MHz Standard
Power Input	PoE 802.3af compliant or +8 to +12VDC @ 1000mA Regulated Power Supply (not included)
On-Board Relay	1A @ 30 VDC
Supported RFID cards	Mifare Plus X 2K or 4K
Enrollment Encryption Level	Encrypted to AES 128
Payload Types	G.711 a-law, G.711μ-law, and G.722
IP Rating	IP65
Operating Range	Temperature: -40^0 C to 55^0 C $(-40^0$ F to 131^0 F) Humidity: 5-95%, non-condensing
Storage Temperature Storage Altitude	-40^0 C to 70^0 C $(-40^0$ F to 158^0 F) Up to 15,000 ft. (4573 m)
Dimensions*	5.118 inches [130 mm] Length 2.252 inches [57.21 mm] Width 5.118 inches [130 mm] Height
Weight Boxed Weight	2.0 lbs. [0.90 kg] 3.0 lbs. [1.36 kg]
Compliance	CE; EMC Directive – Class A EN 55032 & EN 55024, LV Safety Directive – EN 60950-1, RoHS Compliant, FCC; Part 15 Class A, Industry Canada; ICES-3 Class A, IEEE 802.3 Compliant
Warranty	2 Years Limited
Part Number	011425

*Dimensions are measured from the perspective of the product being upright with the front of the product facing you.

RFID Secure Access Control Endpoint

Typical Installation (Door Strike Options)

802.3at Compliant Ethernet Switch

Door Strike

Power supplied by PoE

Door Strike

011375 Network Dual
Door Strike Relay
(sold separately)

IP Phone

IP PBX Server

RFID Secure Access
Control Endpoint

Door Contacts

RFID Secure Access
Control Endpoint

NO or NC Contacts

4 wire Intercom Sense
and Control Signals

Electric Door Strike
12A @ 250 AC - 12A @ 24 VDC

50 feet 22-26ga wire

011269 Door Strike Intermediate
Relay Module (sold separately)

Standard Electronic Door Strike
(not sold by CyberData)

8 7 6 5 4 3 2 1

3

4

6   5

Strike Power Supply (Generic)
9 to 250 VAC or 5 to 60 VDC

Terminal Block of the CyberData Device

Sense Input

DC Source
1 A @ 30 VDC

Standard Electronic Door Sense
(not sold by CyberData)

For the above installation, the following related products are also available (sold separately):

011375 Network Dual
Door Strike Relay

011269 Door Strike
Intermediate Relay Module