VoIP Security Endpoint

RFID/Keypad Secure Access Control Endpoint

LiteScape

The CyberData SIP-based RFID/Keypad Secure Access Control endpoint uses the existing VoIP network infrastructure to securely unlock and lock gates or doors. It supports single and dual factor authentication.
PoE powered and in a secure outdoor-rated case, the RFID/Keypad 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

Security

CyberData has implemented a high level of security on its RFID products.
Data between the card and the reader are encrypted using AES128 making sure that hackers would not be able to "spy" on the cards data being sent to the reader and duplicate that card to provide access.

Card Authentication

When a card is read, there is an additional security step. The reader and the card go through a complex mathematic process where they compare encrypted security keys. This process is called Mutual Authentication. It guarantees that communication between the card and the reader can never be copied and used to produce a duplicate card.
On a good read, the keys will match and the reader will extract the encrypted data from the card to validate if the card is active in the system. If the keys do not match, the card will be rejected.

Features

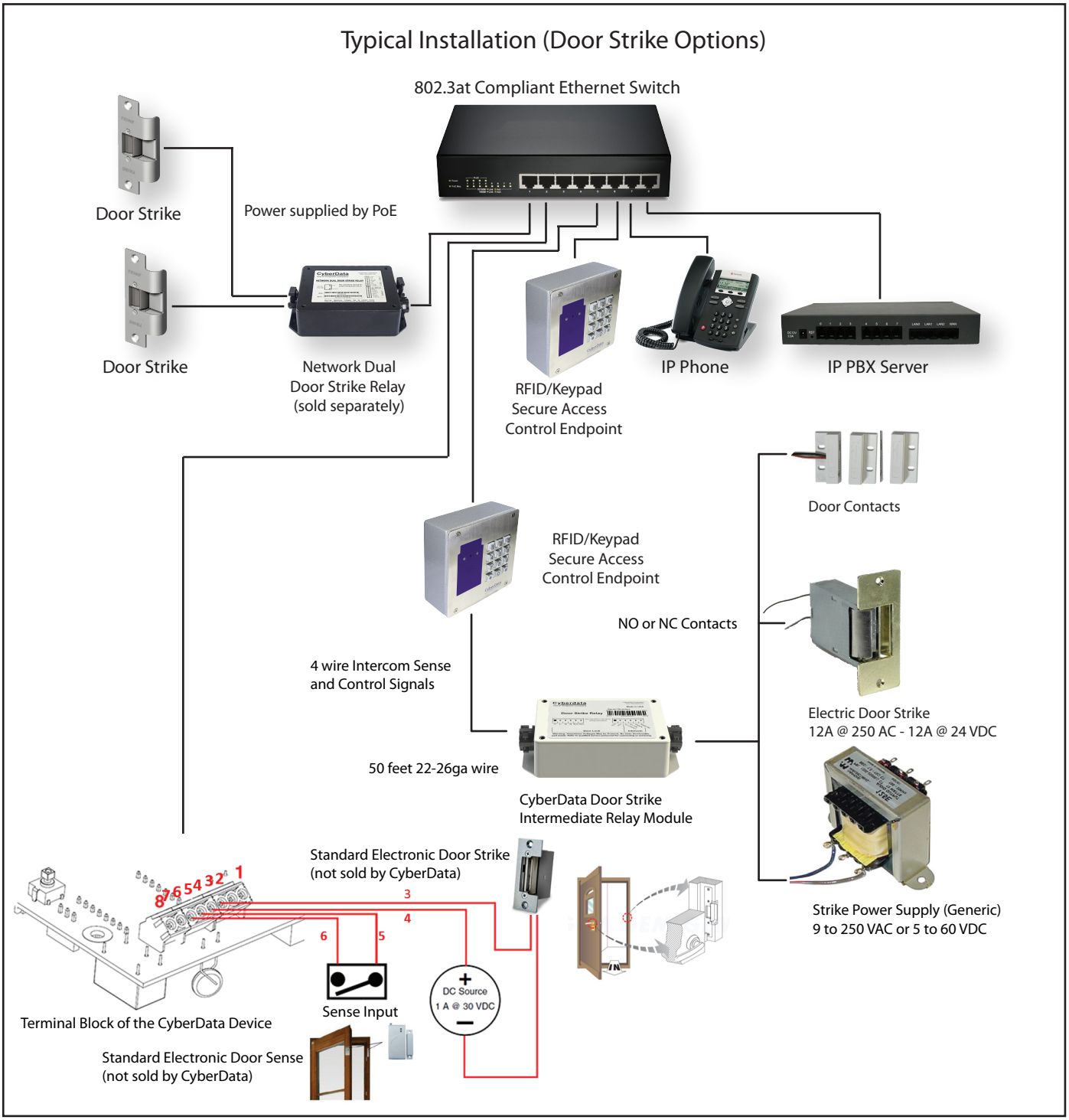
- SIP compliant
- PoE 802.3af enabled (Powered-over-Ethernet)
- Single or dual factor authentication
- IP 65 outdoor-rated
- Optional weather shroud for even greater weather protection
- Optional flush mount kit
- Alert buzzer
- Adjustable keypad and call button brightness
- Red/Green lock status lights
- 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
- Network web management
- Supports 500 Access Codes
- 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
- Support for CyberData's Networked Dual Door Strike Relay (Part# 011375) and Intermediate Door Strike Relay (Part# 011269)
- Security Torx screws with driver kit included

Specifications	
Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible
Power Input	PoE 802.3af compliant or +8 to +12VDC @ 1000mA Regulated Power Supply
On-Board Relay	1A at 30 VDC
Supported RFID cards	Mifare Plus X 2K or 4K
Enrollment encryption level	Encrypted to AES 128
Operating Range	Temperature: -40 °C to 55 °C (-40 °F to 131 °F) Humidity: 5-95%, non-condensing
Storage Temperature Storage Altitude	Temperature: -40 °C to 70 °C (-40 °F to 158 °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	011426 011188 Weather Shroud (sold separately) 011443 Flush mount kit (sold separately) 011422 RFID cards (10 pack) (sold separately)

CyberData
The IP Endpoint Company

RFID/Keypad Secure Access Control Endpoint

Typical Installation (Door Strike Options)



The following related products are also available (sold separately):

Outdoor Intercom Shroud
#011188

Network Dual
Door Strike Relay
#011375

Door Strike Relay Module
#011269

Auxiliary RGB Strobe
#011288