Primis Dual Port Encryption Bridge
Streamline Access Control with IP Card Reader Integration
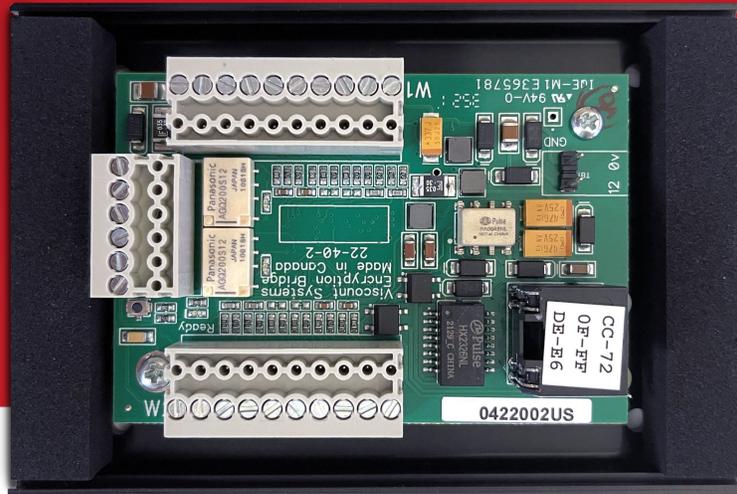
Transform traditional card readers into powerful IP devices, eliminating the need for costly control panels.

The Primis Dual Port Encryption Bridge revolutionizes access control by converting any Wiegand card reader into an IP-enabled device. This innovative platform encrypts card transactions and sends them directly to local or remote servers, bypassing traditional control panels. Compatible with a wide range of card readers, Primis ensures a seamless transition and integration into existing IT infrastructures.

Designed for resiliency and fault tolerance, the Primis system utilizes robust IT principles to enhance the security and reliability of your access control system. With the capability to connect with multiple synchronized servers, it offers unparalleled protection against network failures and implements comprehensive risk mitigation strategies for your security needs.

Cloud-Ready
- Manage from any server in any location
- Integrates seamlessly with existing IT infrastructure

Smart Access
- Manage access for two doors with Wiegand readers
- Simple door control and monitoring

Scalable
- Flexible architecture allows for a variety of topologies
- Reduced system complexity

Secure
- Bi-directional AES-256 bit Encryption
- Three levels of Auto Failover
- No binary hardware addressing required

Specifications

Dimensions (Encryption Bridge)	76 x 47 x 17 mm (3 x 1.85 x .67 in)
Dimensions (Non UL Enclosure)	116.07 x 78.74 x 32.51 mm (4.57 x 3.10 x 1.28 in)
Dimensions (UL Enclosure)	203.2 x 177.8 x 88.9 mm (8 x 7 x 3.5)
Power Requirements	12-16 VDC (350 mA ext & 50 mA int) or PoE 7w
Power for Attached Devices	Up to 300 mA
Operating Temperature	-40° to 50° C (-40° to 122° F) 93% relative humidity
Weight	34 g (1.2 oz.)
Communication	Ethernet (10/100)
Network Protocols Supported	IPv4, DHCP
Network Encryption	AES 256
Primis Failover Server Configuration	Up to three redundant servers
Number of Readers Supported	2
Reader Type	Wiegand
Reader Power Available	Up to 300mA
Inputs	4 Inputs - Non supervised or supervised
Relay Outputs	2
Relay Switch Capacity	1A @ 30VDC
Compliances	UL294 and UL 294B, IEEE 802af, FCC Part 15 Class B
Part Numbers	FR-50-40-2, FR-50-40-2L, FR-50-24-2

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