

# Primis Single Port Encryption Bridge

## Simplify Access Control with Single Port IP Integration



Convert any card reader to a secure IP device, removing the need for conventional control panels.

The Primis Single Port Encryption Bridge enhances access control systems by enabling the conversion of traditional card readers into IP-enabled devices. This bridge encrypts card transactions and transmits them to either local or remote servers without the need for traditional control panels. Compatible with most Wiegand card readers, it supports a wide range of suppliers, making integration seamless and straightforward.

Utilizing your existing network infrastructure, the Primis Single Port Encryption Bridge adopts critical IT infrastructure principles such as fault tolerance and resiliency. It ensures continuous operation and security by enabling communication with multiple synchronized servers, effectively mitigating risks across your access control system.

### Cloud-Ready

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

### Smart Access

- Manage access for one door with Wiegand reader
- 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

<b>Dimensions (Encryption Bridge)</b>	76 x 47 x 17 mm (3 x 1.85 x .67 in)
<b>Dimensions (Non UL Enclosure)</b>	116.07 x 78.74 x 32.51 mm (4.57 x 3.10 x 1.28 in)
<b>Dimensions (UL Enclosure)</b>	203.2 x 177.8 x 88.9 mm (8 x 7 x 3.5)
<b>Power Requirements</b>	12-16 VDC (350 mA ext & 50 mA int) or PoE 7w
<b>Power for Attached Devices</b>	Up to 300 mA
<b>Operating Temperature</b>	-40° to 50° C (-40° to 122° F) 93% relative humidity
<b>Weight</b>	26 g (0.9 oz.)
<b>Communication</b>	Ethernet (10/100)
<b>Network Protocols Supported</b>	IPv4, DHCP
<b>Network Encryption</b>	AES 256
<b>Primis Failover Server Configuration</b>	Up to three redundant servers
<b>Number of Readers Supported</b>	1
<b>Reader Type</b>	Wiegand
<b>Reader Power Available</b>	Up to 300mA
<b>Inputs</b>	2 Inputs - Non supervised or supervised
<b>Relay Outputs</b>	1
<b>Relay Switch Capacity</b>	1A @ 30VDC
<b>Compliances</b>	UL294 and UL 294B, IEEE 802af, FCC Part 15 Class B
<b>Part Numbers</b>	FR-50-40-1, FR-50-40-1L, FR-50-24-1

