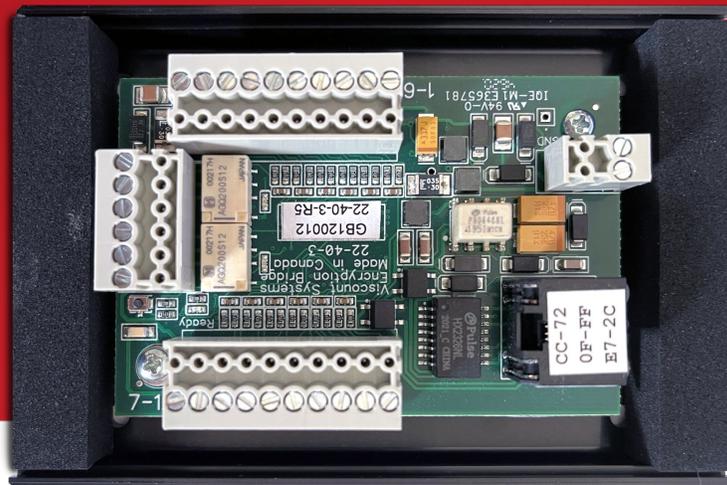


# Primis Input/Output Encryption Bridge

## Efficient IP Integration for I/O Devices



Enable robust, scalable IP-based management of all inputs and outputs, bypassing traditional control panels.

The Primis Input/Output Encryption Bridge empowers you to convert traditional input and output devices into advanced IP devices. This transformation is achieved by routing I/O transactions as encrypted messages directly to servers, eliminating the need for conventional control panels. Suitable for a broad range of input devices, this bridge facilitates flexible control of numerous outputs through its versatile Form C outputs.

Optimized for fault tolerance and resilience, the Primis system adheres to rigorous IT infrastructure standards to ensure a secure and reliable access control environment. It supports multi-server synchronization, significantly reducing the risk of network disruptions while enhancing overall system stability and security.

### Cloud-Ready

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

### Smart Access

- Manage inputs and outputs
- Simple I/O 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>	N/A
<b>Operating Temperature</b>	-40° to 50° C (-40° to 122° F) 93% relative humidity
<b>Weight</b>	34 g (1.2 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>	N/A
<b>Reader Type</b>	N/A
<b>Reader Power Available</b>	N/A
<b>Inputs</b>	12 Inputs - 8 Non supervised and 4 supervised
<b>Relay Outputs</b>	2
<b>Relay Switch Capacity</b>	1A @ 30VDC
<b>Compliances</b>	UL294 and UL 294B, IEEE 802af Mode A only, Class 2 (6.49 Watts), FCC Part 15 Class B
<b>Part Numbers</b>	FR-50-40-I/O, FR-50-40-I/OL, FR-50-24-I/O

