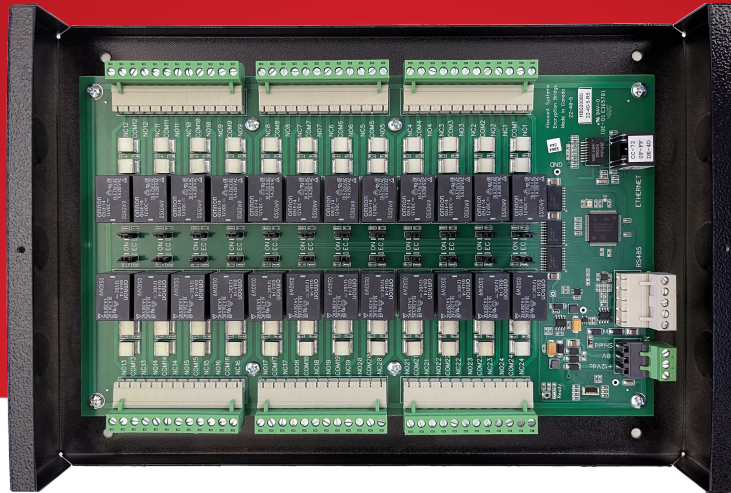




# Primis Relay Encryption Bridge for Elevator Control

## Elevate Security with IP-Based Elevator Access Control



Transform elevator card readers into secure IP devices, eliminating the need for traditional control panels.

The Primis Relay Encryption Bridge for Elevator Control simplifies the integration of elevator systems into your access control infrastructure by converting any card reader into an IP-enabled device. This solution encrypts card transactions and sends them to servers, either locally or remotely, thus removing the dependence on conventional control panels. Compatible with a wide array of Wiegand card readers, the bridge ensures a broad supplier compatibility and enhances security protocols.

Designed to leverage your existing network architecture, the Primis system is built with fault tolerance and resilience at its core, mirroring the best practices of modern IT infrastructures. The ability to synchronize with multiple servers enhances the reliability and security of your elevator control system, providing robust risk mitigation and uninterrupted service.

### Cloud-Ready

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

### Smart Access

- Manage access for elevators and two Wiegand readers
- Simple elevator 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>	277 x 165 x 24 mm (10.91 x 6.50 x .94 in)
<b>Dimensions (Non UL Enclosure)</b>	317.5 x 218.95 x 73.03 mm (12.5 x 8.62 x 2.875 in)
<b>Dimensions (UL Enclosure)</b>	304.8 x 304.8 x 101.6 mm (12 x 12 x 4)
<b>Power Requirements</b>	12-16 VDC (1500 mA internal & ~60.4mA per relay)
<b>Power for Attached Devices</b>	Up to 600 mA (Primis Wiegand to RS-485 converters)
<b>Operating Temperature</b>	-40° to 50° C (-40° to 122° F) 93% relative humidity
<b>Weight</b>	564 g (19.89 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>	2 (each reader requires a wiegand to RS-485 converter)
<b>Reader Type</b>	Wiegand (requires a wiegand to RS-485 converter)
<b>Reader Power Available</b>	Up to 300mA (Primis Wiegand to RS-485 converters)
<b>Inputs</b>	N/A
<b>Relay Outputs</b>	24
<b>Relay Switch Capacity</b>	4A @ 30VDC
<b>Compliances</b>	UL294 and UL 294B, FCC Part 15 Class B
<b>Part Numbers</b>	FR-50-40-E, FR-50-40-EL, FR-50-24-E

