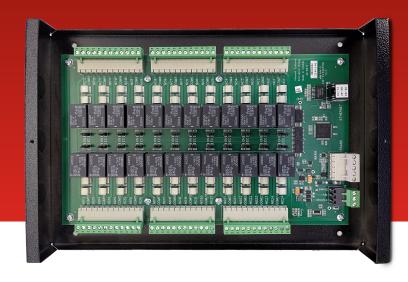


Primis Relay Encryption Bridge for Elevator Control

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

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





