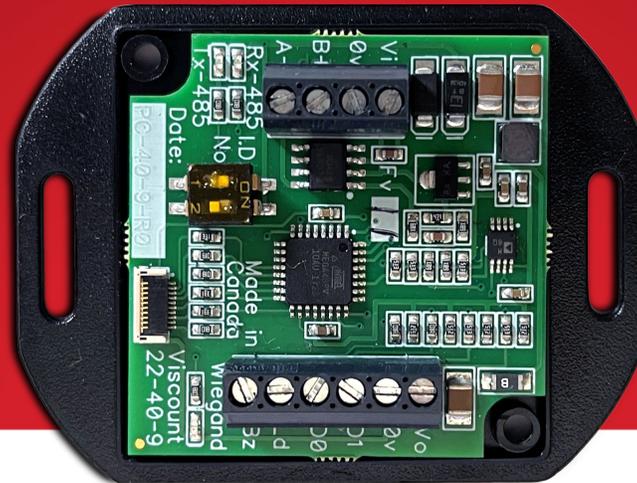


Primis Wiegand to RS-485 Bridge

Seamless Conversion from Wiegand to RS-485
for Enhanced Data Transmission



Upgrade Wiegand card readers to RS-485 connectivity, simplifying integration into advanced control systems.

The Primis Wiegand to RS-485 Bridge allows for the straightforward conversion of Wiegand card reader data into RS-485 data format. This bridge facilitates the extension of Wiegand card reader data runs, particularly useful in challenging installations like elevator traveling cables. It's designed for compatibility with a broad range of Wiegand card readers, making it an ideal choice for system upgrades and enhancements.

Integrating with the Primis Elevator Bridge, this bridge not only converts data format but also ensures that these conversions are secure. The ability to send RS-485 data directly to devices like the Primis Relay Encryption Bridge for Elevator Control maximizes operational efficiency and system reliability. The bridge benefits from robust IT infrastructure principles, including fault tolerance and resiliency, ensuring reliable performance under various network conditions.

Cloud-Ready

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

Smart Access

- Converts Wiegand reader to RS-485 to Primis Elevator Bridge
- Simple elevator control and monitoring

Scalable

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

Secure

- Bi-directional AES-256 bit Encryption via Elevator Bridge
- Three levels of auto failover
- No binary hardware addressing required

Specifications

Dimensions (Wiegand to RS-485 Bridge)	50.8 x 50.8 x 10.2 mm (2 x 2 x .4 in)
Dimensions (Non UL Enclosure)	50.8 x 66.68 x 20.45 mm (2 x 2.625 x .8 in)
Dimensions (UL Enclosure)	N/A
Power Requirements	12-16 VDC
Power for Attached Devices	Up to 300 mA
Operating Temperature	-40° to 50° C (-40° to 122° F) 93% relative humidity
Weight	116 g (4.1 oz.)
Communication	RS-485
Network Protocols Supported	N/A
Network Encryption	N/A
Primis Failover Server Configuration	N/A
Number of Readers Supported	1
Reader Type	Wiegand
Reader Power Available	Up to 300mA
Inputs	0
Relay Outputs	0
Relay Switch Capacity	N/A
Compliances	UL294 and UL 294B, FCC Part 15 Class B
Part Numbers	FR-50-40-W485, FR-50-24-W485

