



The ComNet Reader Interface offers a cost effective, modular approach to access control system design. The VBB-RI is the bridge between the bright blue or lite blue Controller and the reader. The VBB-RI is compatible with several read head technologies and supports facility lockdown and degraded mode.

## FEATURES

- › VBB-RI connects one reader via RS485 protocol to the VBB reader controller
- › Compatible with proximity, smart card, biometrics, magnetic stripe, barcode and Wiegand read head technologies
- › Two form C, single pole/double throw, mechanically latching 1A relays (pre-programmed for dedicated functionality)
- › Four contact inputs
  - Door exit request
  - Door position switch
  - Push button override
  - Auxiliary input
- › Facility lockdown via credential or external pushbutton
- › Degraded mode
- › Metal enclosure with hinged and dual screw door
- › On board connection for tamper switch
- › Tamper switch, lock & key option available

## SPECIFICATIONS

### Software

Maximum Distance to VBB	4,000 feet, RS485 data
Recommended Cable to Read Head	18 AWG/6 COND, stranded, shielded, twisted
Recommended Cable to the VBB Controller	18 AWG/4 COND, stranded, shielded, twisted

### Power

Operating Voltage Range	12VDC to 24 VDC, can be powered from reader controller or locally
Power Consumption	300mA (with read head)

### Mechanical

Board Dimensions	3-3/16" H x 3-3/16" W x 3/4" D
Enclosure Dimensions	8.25" H x 7.5" W x 3.5" D
Enclosure Rating	NEMA 1 rated locking enclosure with tamper switch

### Environmental

Operating Temperature	0°C - 49°C
Relative Operating Humidity	10% to 90% non-condensing



## ORDERING INFORMATION

Part Number	Description
VBB-RI	Reader Interface
Included Accessories	Installation Manual and Product CD
Compatible Options (sold separately)	VBB bright blue 32-Door Web-Based Access Control Platform VLB lite blue 8-Door Web-Based Access Control Platform VLOCKRI - Enclosure Lock (comes with (2) keys, tamper switch and cables)

In a continuing effort to improve and advance technology, product specifications are subject to change without notice.

## TYPICAL APPLICATION

