



The ComNet VBB-NRI is a cost-effective solution that can extend the reach of your bright blue system. This IP-based reader interface is perfect for remote locations where wiring can be a challenge. The VBB-NRI connects to the VBB or VLB controller board via your network, allowing you to bring remotely located readers online with your bright blue access control system.

The VBB-NRI is compatible with most card readers (any device with a Wiegand output) and supports facility lockdown and degraded mode.

## FEATURES

- › VBB-NRI connects one reader via Ethernet network to the VBB or VLB controller
- › 10/100 Base-T Ethernet connection
- › Supports DHCP or Static IP addressing
- › Compatible with proximity, magnetic stripe and smart card technologies
- › Suitable for small to mid-sized organizations with remote locations and an available IP network
- › Reduces wiring and labor costs
- › VBB-NRIs and VBB-RIs can be combined on a bright blue or lite blue system
- › Compatible with proximity, smart card, biometrics, magnetic stripe, barcode and Wiegand read head technologies
- › Two form C, single pole/double throw, mechanically latching 2A 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

Recommended Cable to Read Head	18 AWG/6 COND, stranded, shielded, twisted
Operating System	Linux
Web-browsers Supported	IE v10-11, Firefox 3.6.3-49.01, Safari v6.1 on OS X v10.8.5, Safari v9.3.5 on IOS (iPhone/iPad) and Google Chrome v53 (using IE Tab v7.7 extension)
Ethernet	10/100 Base-T
DHCP addressing	Supported
Static IP addressing	Supported

Mechanical

Board Dimensions	6.14"H x 7.91" W x 2.09"D
Enclosure Dimensions	7 1/2" H x 8 1/4" W x 2 3/4"
Enclosure Rating	NEMA 1 rated locking enclosure with tamper switch

Environmental

Operating Temperature	-40°C to 55°C
Relative Operating Humidity	25°C@ 80%; 55°C@ 93% non-condensing

Power

Operating Voltage Range	12VDC to 24 VDC
Power Consumption	12VDC: 200mA 24VDC: 125mA (without read head)

ORDERING INFORMATION

Part Number	Description
VBB-NRI	Network 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 VLOCK - 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

