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
VBB-NRI

Network Reader Interface for VBB and VLB Access Control Platforms

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

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

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

ORDERING INFORMATION

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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