VBB-NRI
bright blue® Network Reader Interface

OVERVIEW

The 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 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 AND BENEFITS

- VBB-NRI connects to one card reader via Wiegand protocol, and then over the network to the VBB reader 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**™ system
- Compatible with most card readers (any device with a Wiegand output)
- 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

Standard Ethernet network connection

Dimensions	6.14"H x 7.91" W x 2.09"D
Enclosure	7 1/2" H x 8 1/4" W x 2 3/4"
Power Requirements	12-24VDC
Power Consumption	12VDC: 200mA 24VDC: 125mA (without read head)
Ambient Temperature (without heater)	-40°F to 131°F -40°C to 55°C
Humidity	77°F@ 80%; 131°F@ 93% 25°C@ 80%; 55°C@ 93%
Recommended Cable to the Read Head	18 AWG/6 COND, stranded, shielded, twisted

NEMA 1 rated enclosure with optional lock and tamper switch

ORDERING INFORMATION

VBB-NRI   **bright blue**® Network Reader Interface

ACCESSORIES

VLOCK   Enclosure Lock
(includes (2) keys, tamper switch and cables)

VANDERBILT