




Access Control and Video Systems  
VBB-NRI bright blue® Network Reader Interface

## 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

## SPECIFICATIONS

### Standard Ethernet network connection

<b>Dimensions</b>	3.5" H x 6" W x 7/8" D
<b>Enclosure</b>	7 1/2" H x 8 1/4" W x 2 3/4"
<b>Power Requirements</b>	12-24VDC
<b>Power Consumption</b>	12VDC: 200mA 24VDC: 125mA (without read head)
<b>Ambient Temperature (without heater)</b>	-40°F to 131 °F -40°C to 55°C
<b>Humidity</b>	77°F@ 80%; 131°F@ 93% 25°C@ 80%; 55°C@ 93%
<b>Recommended Cable to the Read Head</b>	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)



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