SBB-NRI
bright blue™ Network Reader Interface

Overview

The SBB-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 SBB-NRI connects to the SBB controller board via your network, allowing you to bring remotely located readers online with your **bright blue** access control system.

The SBB-NRI is compatible with most card readers (any device with a Wiegand output), including the Schlage SXF Series Card Readers.

Features and Benefits

- SBB-NRI connects to a card reader via Wiegand protocol, and then over the network to the SBB reader controller
- 10 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
- SBB-NRIs and SBB-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 1A relays
- Four contact inputs
    - Door exit request
    - Door position switch
    - Push button override
    - Auxiliary input

Specifications

Standard Ethernet network connection	
Dimensions	3.187" H x 3.187" W x 1.75" D
Enclosure	7.5" H x 8.25" W x 3.5" D
Power Requirements	20VDC to 32VDC
Power Consumption	100mA (without read head)
Ambient Temperature (without heater)	32° – 120°F or 0° – 49°C
Humidity	85% +/- 5%
Recommended Cable to the Read Head	18 AWG/6 COND, stranded, shielded, twisted
NEMA 1 rated enclosure with optional lock and tamper switch	
Battery Backup	available with Schlage UL listed power supplies

ORDERING INFORMATION

SBB-NRI - bright blue Network Reader Interface

PS902 - 2A @ 12/24 VDC-field selectable

900-BBK - Battery Backup Kit (includes two 7A/hr batteries)

Ingersoll Rand
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