



NAPCO BLACK BOX™ PROGRAM FOR OEM APPLICATIONS



NBB2100S

SINGLE DOOR POE ACCESS CONTROLLER



The Napco Black Box™ Series Single Door Surface Mount Controller provides support for two (2) readers on one door, using power over ethernet (POE) - It's ideal for surface mounting on solid wall surfaces, such as cement block &/or masonry.

For flexible use in OEM access control software environment, the tamper-supervised **NBB2100S** Power Over Ethernet Controller comes in a durable steel locking enclosure and supports two readers and/or one low current strike via POE. IT-friendly, supports POE or RS485, to downstream 14 controllers on 1 network drop. It can be used networked with, or in place of conventional 2-16 Door NBB Series Controllers. Up to 14 **NBB2100** Controllers can be networked together using RS485 high-speed repeat mode. Mounted on the secured side of the door, it includes 5 diagnostic LEDs, plus a power indicator, viewable from the closed cabinet housing. (Also available in recessed mount model, for use in double-gang box **NBB2100**.)

- POE Panel Supports 2 Readers for 1 Door
- Supports two Wiegand Readers or one Wiegand and one RS-485 (2-wire) reader
- Super-fast 54MHz RISC Processor
- Supports 200K cards
- 4MB on-board memory
- 1000 Standard transaction buffer, Expandable to 10,000, typ.
- 2 Form C Relay outputs, door and auxiliary (MOV-protected)
- Reader & Accessory Power- 320ma @5VDC & 700ma @12VDC
- POE Onboard Ethernet
- High speed 921.6 Kbps baud communication support
- Supports RS-485 Repeat Communications (4-wire)
- 4 Supervised inputs
- Supervised Tamper

Specifications

POWER

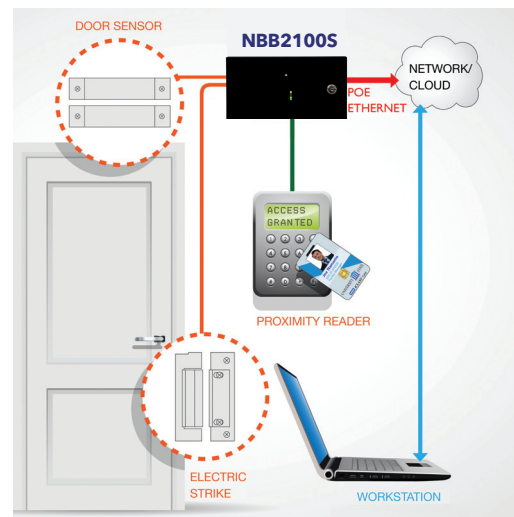
- POE Onboard Ethernet
- Input Voltage: 12 VDC
- **Backup Power:** Onboard Memory Database Backup, lithium (CR2032), supplied. Provision for external 4hr. Rechargeable Battery

ENVIRONMENTAL

- Operating Temperature: 32 - 120°F (0 - 49°C)
- Storage Temperature: -32 - 149°F (0 - 65°C)

PHYSICAL CHARACTERISTICS

- Surface Mount Locking Metal Enclosure, 22 gauge, CRS
- Dimensions 9.187"W x 5.435"H x 2.18"D
- LED Diagnostics window: 1 Power LED, 5 Ethernet LEDs
- Shipping Wt. 2.3 lbs



For more information, please contact your local sales representative

