

NetGen™ IP Door Controller – Single Door Board Only

NGI-E-BO

The NetGen™ IP Door Controller (NG1-E-BO) is the component of a BlueWave Security access control system that manages the operation of your door(s) by communicating with BlueView software in real-time over a wired Ethernet network. The NG1-E-BO is a “smart” controller that stores permissions and up to 2,000 audit events at the door so that your door operations will be unaffected in the occasion of a temporary loss of network connectivity. The NG1-E-BO supports industry standard 26-Bit Wiegand card formats and 12 or 24 volt locking devices so customers with legacy systems can leverage their investment in their current wiegand readers and door electronics by using NetGen™ controllers and BlueView software to upgrade their system.



Features:

- UL 294 Rated
- On-Board Brown out Reset (BOR)
- 1M EEPROM On-Board SRAM (256x8)
- Two (2) Wiegand Reader Inputs for Badge In/Badge Out Function
- Two (2) Form C Output Relay Point Capable of Sourcing 3A @30Vdc
- Three (3), 2 State Inputs (Door Sensor, REX, AUX)
- Two (2) TTL Drive Lines External Interface (5V High)
- LED Status Indicator
- Supports Industry Standard 26-Bit Wiegand Card Format
- Support 12 & 24 Volt Locking Devices

The NG1-E-BO is ordered with the following components for the most common door configuration:

- Credential Reader (Part# PRX-SG)
- Door Strike (Part# ES-C478)
- BlueView Software (Part# BVSTRD, BVPRO or BVENT)*
- Credential Cards/FOBs (Part# 26B-CLMS-20 or 26B-FOB-10)

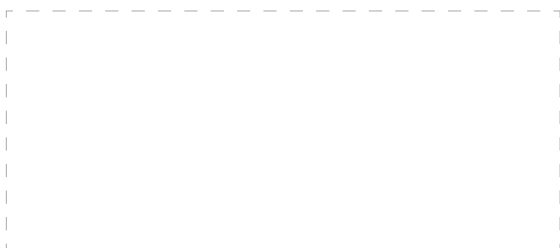
Specifications:

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Primary Voltage Input	+12 or 24V (DC)
Primary Voltage Output	+12 or 24V (DC) Depending on Input Voltage Supplied
Maximum Voltage Output	1 Amp
Operating Voltage	.250mA @ 12Vdc
Operating Temperature	5°F - 158°F
Operating Humidity	10-90% RH (non-condensing)
Weight	2.12 oz.
Dimensions	6.25" x 3" x 1.25" (L x W x D)
Network Cable	Cat5, Cat5e or Cat6

**BlueView Software license must be purchased/available to work with NG1-E-BO*

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