



NetGen™ IP Door Controller – Door Kit Series

NG1-E-DK-BO, NG1-E-DK-PS, NG1-D-DK-POE

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. It has embedded device firmware that allows a user to access, monitor, manage and control the NG1-E-BO hardware, which in turn controls the doors, access readers, inputs and other devices. 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.

Features:

- UL 294 Rated
- Supports Industry Standard 26-Bit Wiegand Card Format
- On-Board Brown out Reset (BOR) and Internal Watchdog Timer
- 1M EEPROM On-Board SRAM (256x8)
- Two (2) Wiegand Reader Inputs
- 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

Specifications:

	NG1-E-DK-BO	NG1-E-DK-PS	NG1-E-DK-POE
Door Kit Components	<ul style="list-style-type: none"> • NG1-E-BO • Enclosure • Cam Lock 	<ul style="list-style-type: none"> • NG1-E-BO • 2.5 Amp Power Supply • Transformer 16VAC-40V (requires 110 outlet) • 12V, 4 Amp Hour Battery • Enclosure • Cam Lock 	<ul style="list-style-type: none"> • NG1-E-BO • PoE Injector • PoE Splitter • Enclosure • Cam Lock

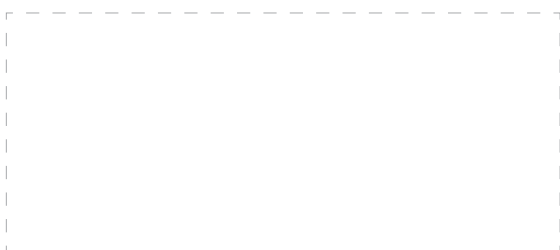
SPECIFICATIONS BELOW FOR THE NG1-E-BO:

Primary Voltage Input	+12 or 24V (DC)	+12 or 24V (DC)	+12 or 24V (DC)
Primary Voltage Output	+12 or 24V (DC) Depending on Input Voltage Supplied	+12 or 24V (DC) Depending on Input Voltage Supplied	+12 or 24V (DC) Depending on Input Voltage Supplied
Maximum Voltage Output	1 Amp	1 Amp	1 Amp
Operating Voltage	.250mA @ 12Vdc	.250mA @ 12Vdc	.250mA @ 12Vdc
Operating Temperature	5°F - 158°F	5°F - 158°F	5°F - 158°F
Operating Humidity	10-90% RH (non-condensing)	10-90% RH (non-condensing)	10-90% RH (non-condensing)
Network Cable	Cat5, Cat5e or Cat6	Cat5, Cat5e or Cat6	Cat5, Cat5e or Cat6

The NetGen™ Door Kit Series 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)

Distributed by:



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COMPLETE

CAMERAS

CONTROLLER

SOFTWARE

CREDENTIAL READER

LOCKING DEVICE

REX SENSOR

ACCESSORIES

POWER