# The NETGEN™ IP Door Controller

## ETHERNET (802.3)

**NG1-E**

**NETGEN™** One Door Ethernet Controller
**\*\*Board Only\*\***
Part# **NG1-E-BO**

One Door Kit **NETGEN™** Ethernet Controller (includes NG1-E Enclosure & Cam Lock)
Part# **NG1-E-DK-BO**

One Door Kit **NETGEN™** Ethernet W/ POE (NG1-E, POE Injector/Splitter, Enclosure, Lock)
Part# **NG1-E-DK-POE**

One Door Kit **NETGEN™** Ethernet W/ Power Supply (NG1-E, PS, XFMR, Enclosure, Bat., Lock)
Part# **NG1-E-DK-PS**
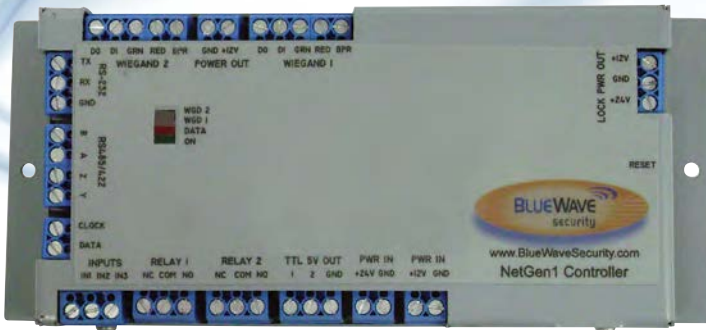
The **NETGEN™ Door Controllers** communicate with the BlueView Professional management software in real-time over wired Ethernet networks. The NetGen™ door controllers support industry standard Wiegand credential readers & 12 or 24 volt locking devices. Customers with existing Wiegand readers and other door electronics can leverage their investment and reduce costs by using NetGen™ controllers to upgrade legacy systems.

### Features:
- System scalable: from one to hundreds of openings, & up to thousands of users, on the same software, managed from a single server
- 9,000 card holders
- 2,000 event audit trail buffer if network unavailable
- 128 door schedule shifts with 1,000 card holder level shifts
- Forced door & extended open alarms
- 256-bit AES network encryption for Ethernet
- Auto-unlock & first-man-in shifts
- On-demand lock-down, un-lock, & remote entry using card or BlueView Pro software through network
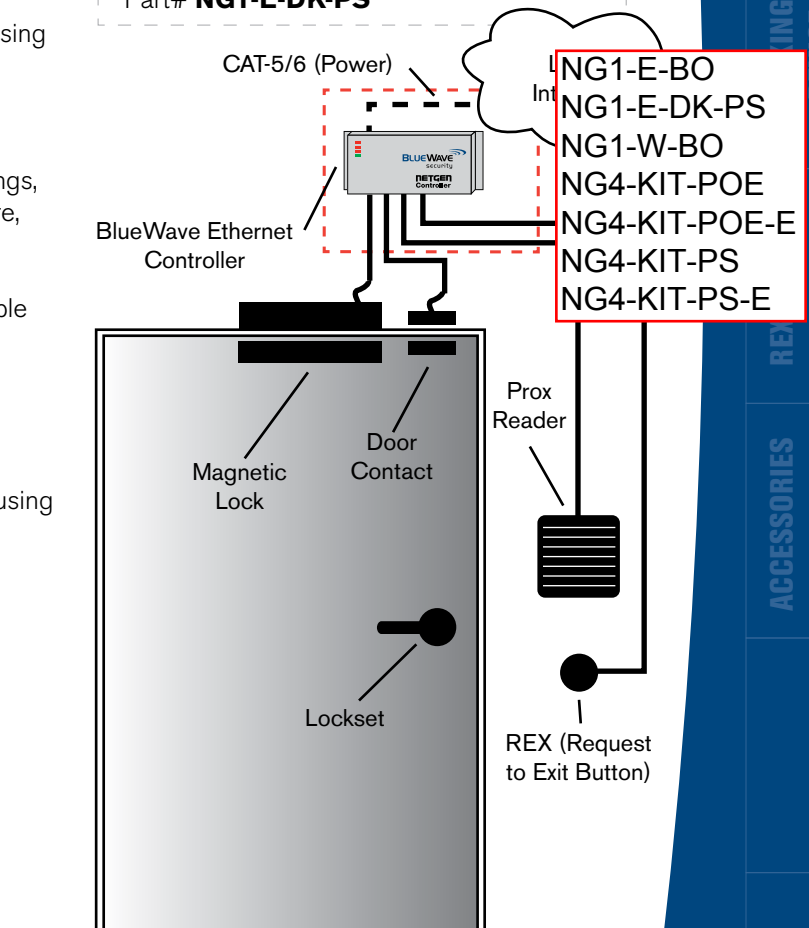
### Specifications:
- 12 or 24 VDC power
- 2 Wiegand reader inputs
- 1 door sense input
- 1 Request to Exit (REX) input
- 1 programmable input (AUX)
- 2 TTL outputs 5V (normally high)
- 2 Form C relays to control locking devices (1 Amp at 30/VDC or 0.3 Amp at 125/VAC)
- 1 Amp combined lock & reader power out

CAT-5/6 (Power)

NG1-E-BO
NG1-E-DK-PS
NG1-W-BO
NG4-KIT-POE
NG4-KIT-POE-E
NG4-KIT-PS
NG4-KIT-PS-E

BlueWave Ethernet Controller

Magnetic Lock

Door Contact

Lockset

Prox Reader

REX (Request to Exit Button)

# BLUEWAVE security

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*Distributed by:*