

# PinPoint

## Addressable Point ID Systems



### OVERVIEW

Bringing together the functionality of the NetworX NX-8E and the reliable performance of Interlogix sensors, the PinPoint addressable Point ID solution is well suited for a variety of modern applications. Supporting up to 192 devices on a single two-wire loop up to two miles, this point ID solution easily installs in new construction or retrofit applications.

Components for this system include the Network NX-8E, Pinpoint Interface Card, AP Series Motion Sensor, ShatterPro™ Glassbreak Sensor and Input/Out devices.

### STANDARD FEATURES

- Single two-wire loop up to two miles means fast and easy installation for new construction or retrofit applications
- Addressable sensors indicate exact location of alarm event
- Supports up to 192 devices
- Advanced digital communications from the sensors to the panel
- Supports 3 Class B loops

### For use with the NX-2192E PinPoint ID bus interface



#### AP750-ID Addressable PIR

- Adaptive Signal Processing – 3D signal processing with gliding focus mirror optics analyzes size, speed, shape and adaptive alarm threshold
- Provides four separate curtain coverage patterns with 50' (15.2m) range
- Flat wall or corner mounting height up to 10' (3m)
- Ships with two plastic inserts, each covering half the coverage area for more flexible mounting options (center curtain always active)



#### 5845-ID Addressable ShatterPro® Glassbreak Sensor

- ShatterPro's Pattern Recognition Technology™ for superior detection and false alarm immunity
- Protects all glass types up to standard thickness of 1/4" (6.4mm) including plate, wired, tempered and laminated glass
- Senses through light blinds and unlined drapes. Suitable for use in occupied areas on the perimeter loop



#### SI-ID Single Input Device

- Supports a single, non-addressable device
- Employs advanced digital data communication protocol that ensures the integrity of the data communication



#### 4I4O-ID Four Input Four Output Device

- Supports four inputs and four unsupervised outputs (horns, bells, sirens, etc.)
- Employs advanced digital data communication protocol that ensures the integrity of the data communication



#### NX-2192E Point ID Bus Interface Card

- Attached to NX-8E control panel
- Bus interface supports up to 192 addressable devices on two-mile loop
- Supports three class B loops

### Specifications

| Model                                    | AP750-ID   | 5845-ID  | SI-ID   | 4I40-ID   | NX-2192E  |
|--|--|--|---|---|---|
| Housing material                         | Flame retardant ABS                                  | Flame retardant ABS                                  | Flame retardant ABS   | Flame retardant ABS   |   |
| Operating voltage                        | 8 to 27V (as supplied by NX-2192E)                   | 8 to 27V (as supplied by NX 2192E)                   | 8 to 27V (as supplied by NX-2192E)  | 8 to 27V (as supplied by NX-2192E)  |   |
| Signaling voltage                        |  |  | 4 to 9V   | 4 to 9V   |   |
| Current draw                             | 250 $\mu$ A typical avg. 3mA with LED momentarily on | 250 $\mu$ A typical avg. 3mA with LED momentarily on | 250mA   | 2.2A max.   | 170mA standby max.  |
| Microphone                               |  | Omni-directional electret                            |   |   |   |
| Detection range                          | 50 ft. (15.2m)                                       |  |   |   |   |
| Mounting height                          | 6 to 10 ft. (1.8 to 3m)                              |  |   |   |   |
| Number of curtains                       | 7  |  |   |   |   |
| Input loop resistance (47k EOL included) |  |  | >1M $\Omega$ – Open<br>47k $\pm$ 5% – Single EOL<br>94k $\pm$ 5% – Double EOL<br>>20 $\Omega$ – Short | >1M $\Omega$ – Open<br>47k $\pm$ 5% – Single EOL<br>94k $\pm$ 5% – Double EOL<br>>20 $\Omega$ – Short |   |
| Operating temperature                    | 32°F~131°F (0°C~55°C)                                | 14°F~120°F (-10°C~50°C)                              | 32°F~131°F (0°C~55°C)   | 32°F~131°F (0°C~55°C)   | 32°F~122°F (0°C~50°C)   |
| Relative humidity                        | 10%~90% (non-condensing)                             | 10%~90% (non-condensing)                             | 10%~90% (non-condensing)  | 10%~90% (non-condensing)  |   |
| Maximum line length                      | 10,000 ft. (3km)                                     | 10,000 ft. (3km)                                     | 10,000 ft. (3km)  | 10,000 ft. (3km)  |   |
| Dimensions (WxDxH)                       | 2.9 x 2.2 x 5.1 in. (74 x 56 x 129mm)                | 3.13 x 1.7 x 4.2 in. (80 x 43 x 108mm)               | 3.3 x 1.3 x 2.8 in. (84 x 33 x 71mm)  | 6.8 x 2.0 x 4.8 in. (173 x 51 x 122mm)  | 2 x 1.25 x 9 in (51 x 32 x 229mm)                                   |
| Regulatory                               | UL 639, FCC, CE                                      | FCC, CE  | UL 365, UL 609, UL 985, UL 1023, UL 1610, FCC, CE   | UL 365, UL 609, UL 985, UL 1023, UL 1610, FCC   | UL 365, UL 609, UL 985, UL 1023, UL 1610, UL 1635, UL 1637, FCC, CE |

### Ordering Information

|                 |   |
|-----------------|---|
| <b>AP750-ID</b> | Addressable AP750W PIR Motion Sensor Features Adaptive Signal Processing that Analyzes Size, Speed, Shape and Adaptive Alarm Threshold. Provides 4 Separate Curtain Coverage Patterns w/50' Range. Flat Wall or Corner Mounting. UL, FCC, CE Approved                       |
| <b>5845-ID</b>  | Addressable ShatterPro Glassbreak Sensor. Featuring Pattern Recognition Technology for Superior Detection and False Alarm Immunity, it Protects All Glass Types Up to a Thickness of 1/4". It Has a Range of 20' and Can Be Wall or Ceiling Mounted. FCC, CE Approved       |
| <b>SI-ID</b>    | Single Input Device, Addressable. The Addressable Single Input Device Connects a Single Non-Addressable Device to the NX-2192 Interface Card. UL, FCC, CE Approved  |
| <b>4I40-ID</b>  | Four Input, Four Output Device, Addressable. The Addressable Four Input, Four Output Device Allows Connection of Up to 4 Non-Addressable Devices to the NX-2192 Interface Card. Supports 4 Inputs and 4 Unsupervised Outputs (Horns, Bells, Sirens, Etc.). UL, FCC Approved |
| <b>NX-2192E</b> | NetworX Pinpoint Interface Card Attaches to the NX-8E Control Panel. Supports Up to 192 Addressable Devices on a Two-Mile Loop. Supports Two Class B Loops and One Class A Loop. UL, FCC, CE Approved   |
| <b>NX-8E</b>    | NetworX Control Panel Includes Owner's Manual and Installation Instructions. Keypad and Transformer Sold Separately. UL, FCC, CE Approved   |



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Specifications subject to change without notice.

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