

# LynxNet 4i

## SKU #950-LYNX-4I-3

The LynxNet 4i is a network based input device with 4 input channels. Power can be PoE. Configuration is easy with the 12 VDC programming power supply (one per order) and a direct ethernet connection to a PC. Once configured the LynxNet 4i can operate on an optional 12 VDC power supply or the built in PoE module. When the input is activated, an alarm is sent to the LynxGuide server. The LynxNet 4i can be configured to activate any Lynx output or combination of outputs. The LynxNet 4i device can instantly send alerts from any of the dry contact closure inputs. Inputs are programmable "Normally Open" or "Normally Closed", using the web interface. Wire integrity to the end point of the inputs can be supervised using supplied EOL resistors. The test feature makes it easy to test alarms and create monthly reports. The LynxNet 4i input device is ideal for applications where existing duress buttons need updating or any device with a relay output needs to be monitored. Existing wiring can be used with the LynxNet 4i to allow the alarms to be sent to the LynxGuide server, activating any single or combination of Lynx Outputs.



## Features and Benefits

- Enables any Normally Open (NO) and Normally Closed (NC). Existing or new alarm to be connected directly to your PoE network.
- Can be placed in a test mode
- Supervised by the LynxGuide server

### GENERAL SPECIFICATIONS:

**Width:** 5.0"

**Length:** 5.25"

**Height:** 1.75"

**Weight:** 1.0 Lb.

**Power:** DC Power or PoE

**PS Input Voltage:** 100-240 VAC

**PS Output Voltage:** 12 VDC, 1.0 amp

**POE:** Class 1, 2.5W Max

**Supervision Interval:** 5 Minutes

### NETWORK SPECIFICATIONS:

**RS-232:** For diagnostics and troubleshooting

**USB:** For diagnostics and troubleshooting

**LINK LED:** Indicates network speed

**LAN:** Indicates network speed

### NETWORK SPECIFICATIONS (CON'T.)

**Status LED:** Indicates activity to and from the LynxGuide server

**Test Button:** Sends a test message to the LynxGuide server

#### Power LED:

**SOLID RED:** Not connected to the LynxGuide server

**FLASHING RED:** Communication lost to LynxGuide server.

**FLASHING GREEN:** Connected to the LynxGuide server

**RJ-45 Network Connector:** 100 Mb for initial network configuration and network connection

**Communication Protocol:** The LynxNet hardware and Lynx Client software achieves bidirectional communication through a client-initiated, persistent socket session to the LynxGuide server on ports 10117-10121. No network ingress connections are required. All server communications are TLS encrypted. In addition to providing security, this method is ideal if the hardware is behind a gateway, as no NAT rules are required to achieve connectivity.