

# LynxNet 4o

SKU #950-LYNX-4O-31



The LynxNet 4o is a network based output device with 4 “Normally Open” relays. When an alarm is sent from the LynxGuide server, the LynxNet 4o can be selected as an output for the alarm to activate any or all of the four relays. The relays can stay closed for a pre-configured time period or until a reset clear is sent. Add power to the relay circuit to turn on lights or use the relays as a logical tie-in to other systems. Standard configuration is “Normally Open” and optionally can be ordered as “Normally Closed”. The LynxNet4o-31 has 8 amp relays for power applications. The LynxGuide server also fully supervises the device and can activate an alarm if the connection is lost. The LynxNet 4o output device is ideal for connecting into access control systems, controlling other devices or connecting into monitored alarm panels to contact law enforcement or other responders. 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 4o can operate on an optional 12 VDC power supply or the built in PoE module.



## Features and Benefits

- The LynxNet 4o PoE device has four, 8 Amp dry relay outputs, to tie into existing alarm panels; or tie into third-party devices (strobes/sirens)
- Allows physical integration with third party systems
- Supervised by the LynxGuide server

### GENERAL SPECIFICATIONS:

**Width:** 5.0"

**Length:** 5.25"

**Height:** 2.2"

**Weight:** 1.2 Lb.

**Power:** DC Power or PoE

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

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

**Supervision Interval:** 5 Minutes

### NETWORK SPECIFICATIONS:

**POE:** Class 2, 5.5W Max

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

**USB:** For diagnostics and troubleshooting

### NETWORK SPECIFICATION (CON'T):

**LINK LED:** Indicates network speed

**LAN:** Indicates network speed

**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.