

LynxNet 4O

4 Channel Relay Output Device



Front



Rear

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 standard device is available with an 8 amp relays for power applications or an 1 amp relay with gold contacts for control signals. 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.

- RS-232:** for diagnostics and troubleshooting
- USB:** for diagnostics and troubleshooting
- LINK LED:** indicates network traffic
- LAN LED:** indicates network speed
- STAT 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 Ethernet Connector:** for initial network configuration and network connection.

- Specifications:**
- Width:** 5.00”
- Length:** 5.25”
- Height:** 1.75”
- Weight:** 1.8 Lbs.
- Power Supply:** 100-240 VAC, 12 VDC, 1.0 amp
- Supervision Interval:** 5 minutes

Communication Protocol

In legacy mode, the LynxNet hardware devices and the LynxGuide server communicate by sending HTTP requests on port 80.
 In secure mode, the LynxNet hardware 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 1.2 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.

Developed, Manufactured and Supported in the USA 



LYNX-40-31
LYNX-40-32

4 Ch., 8 amp Relay, Output device
 4 Ch., 1 amp Relay, Output device