LynxNet WLS

SKU #950-LYNX-WLS-3

When a wireless duress button is activated, a 900 Mhz signal is sent to the LynxNet WLS receiver. The wireless transmitters can be installed in fixed locations with the predetermined alarm location messages, or can determine the location of the wireless button using a repeater network.

The receiver supports up to 500 wireless transmitters. The web interface of the LynxNet WLS displays the signal strength of every transmitter and repeater. Any of the wireless transmitters can be placed in a test mode, for employee training and monthly testing. The wireless duress buttons are pre-programmed to the LynxNet WLS either for fixed or mobile use applications. (Receiver Size: 6.5" W x 3.5" L x 1.75" H)

For Fixed applications, a repeater is only needed approximately every 10,000 square feet, based on building structure. For Mobile locating applications, a repeater is needed approximately every 1,500 to 2,000 square feet, based on building structure. The Locating system requires a Lynx Certified Technician onsite to configure the system after the LynxNet WLS and repeater network are installed. 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 WLS can operate on an optional 12 VDC power supply or the built in PoE module.

Features and Benefits

- Individual transmitters can be tested while other transmitters remain operational
- LynxNet WLS and transmitters are supervised
- A 1 Amp dry relay output (gold contacts), to tie alarms into existing alarm panels or control signals which are configurable per channel

GENERAL SPECIFICATIONS:

Width: 5.00"
Length: 5.25"
Height: 1.75"
Weight: 1.8 Lbs.
Power: DC Power or PoE
PS Input Voltage: 100-240 VAC
PS Output Voltage: 12 VDC, 1.0 amp
Supervision Interval: 5 Minutes
POE: Class 1, 3.0W Max
Cable Length: 8 ft

NETWORK SPECIFICATIONS:

RS-232: Receiver connection and diagnostics
USB: For diagnostics and troubleshooting
LINK LED: Indicates network speed
LAN: Indicates network speed
Status LED: Indicates activity to and from the LynxGuide server.

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.