EL1500U

Ethernet & PoE Extender
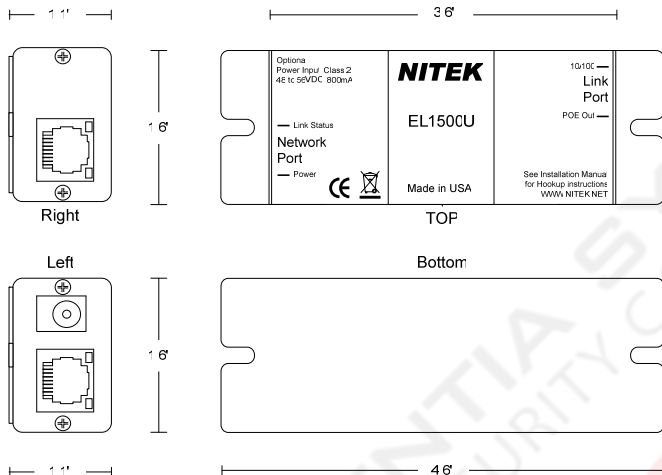
PRODUCT SPECIFICATION

Description

The **EL1500U** is another component of NITEK's cutting edge **EtherStretch** line. Our **Etherstretch** solution allows for the utilization of existing cable infrastructure (coax or UTP) to transmit data from IP cameras and other network devices along with power (PoE & PoE+) to operate these networked devices over the given wire media.

The **EL1500U** is a system consisting of a transmitter and a receiver unit that require very little installation time and absolutely no set up or configuration. The system can quickly turn any ordinary CAT5e or CAT6 cable into a high speed network communication and PoE pathway.

The **EL1500U** is transparent to the network thus requiring no IP and or MAC addressing. Simply connect your network devices to the networking ports of the transmitter and receiver along with the existing cabling and the system begins communicating. LED indicators show the status and speed of network communications and PoE power.

NITEK's **EtherStretch EL1500U** extends network communications to overcome standard IP cable distance limitations offering connectivity in locations traditional networking does'nt. The **EL1500CU** is ideal for retrofitting existing installations. The units are constructed of industrial grade RoHS compliant plated aluminum with a corrosion resistant finish. making them very durable.

Features

- Transmits up to distances of 600 meters (2000 feet)
- Supports mega-pixel technology
- Fully transparent to the network
- Supports any network device, including IP cameras
- Supports 10/100 and PoE
- Easy to install, no set up required
- No MAC or IP addressing required
- LED indicators for network signals, link status and power
- Optional power supply can insert PoE power for non-PoE switches
- Surge protected inputs
- Ground loop isolation

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CE

RoHS COMPLIANT 2002/95/EC

NITEK ®

TECHNICAL SPECIFICATION

Network Transmission Device

Network Port	RJ45 Connector
Link Port	RJ45 Connector
Ethernet	100BASE-TX Full Duplex
Dimensions	1.1" x 1.6" x 4.6"
Operating Temperature	-15° to 75° C / 0° to 167° F
Shipping Weight	2 lbs

Several Common Installation Types

Monitor

IP PoE Camera

PoE · PoE · Data · PoE

Category UTP Ca-

Data

NVR

Data

PoE Network Switch

P/T/Z Controller

Monitor

IP PoE Camera

PoE · PoE · Data · PoE · Data

Category UTP Ca-

NVR

PoE Network Switch

P/T/Z Controller

*PoE is introduced to the system by using a PoE injector (IP1054) in installations where the network switch in not capable of producing power over Ethernet.