

Description

The **EL1500UW** allows Ethernet and PoE to be extended for distances up to 600 meters or 1940 feet.

The **EL1500UW** is a system containing a transmitter that is housed in a NEMA 4X polycarbonate high-impact ABS molded enclosure which is ideal for use when installing the Etherstretch solution outdoors. The set also includes a receiver unit that requires very little installation time and absolutely no set up or configuration. The system can quickly turn any ordinary four pair UTP cable into a high speed network communication and PoE path.

The **EL1500UW** is transparent to the network and has no IP and MAC addressing. Simply connect your network devices to the networking ports of the transmitter and receiver along with existing cabling and the system begins communicating.

LED indicators show the status of network communication and PoE power. The **EL1500UW** requires no network settings to be changed or adjusted.

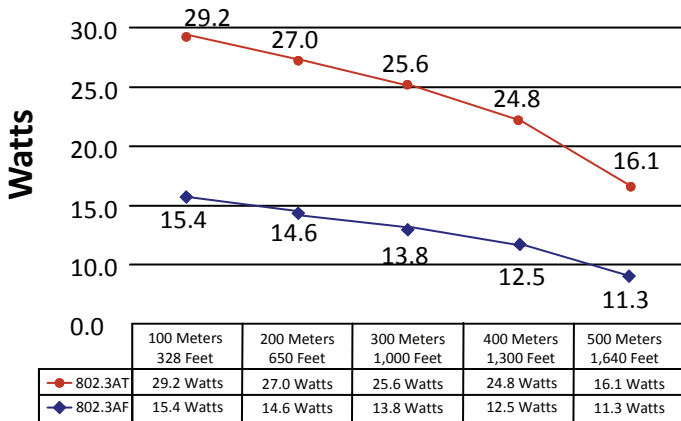
The **EL1500UW** extends network communications to overcome cable distance limitations offering connections to devices in locations traditional networking does not allow. The **EL1500UW** is ideal for retrofitting existing installations.

The units are constructed of industrial grade RoHS compliant plated aluminum which is finished with a corrosion resistant finish making it very durable.

Features

- Transmits up to distances of 600 meters (1940 feet)
- Transmitter is fitted into a NEMA 4X rated enclosure to support outdoor applications
- Supports mega-pixel technology
- Fully transparent to the network
- Supports any network device, including IP cameras
- Supports 10/100 and PoE over category rated cables
- 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

Available PoE Wattage At PoE Device



* Results charted were calculated using RG59U coaxial cable with a 20AWG center conductor and power sourcing equipment using IEEE 802.3AF standard with starting voltage of 48 volts DC and IEEE 802.3AT standard with starting voltage of 54 volts DC



USA

5410 Newport Drive, # 24
 Rolling Meadows, IL 60008
 Phone: (847) 259-8900
 Fax: (847) 259-1300
 E-mail: info@nitek.net
 WWW.NITEK.NET

EUROPE

De Schans 19-21 2a
 8231 KA Lelystad
 Tel: +31(0)320-2300005
 Fax: +31(0)320-282186
 E-mail: info@nitek.nl
 WWW.NITEK.NL

TECHNICAL SPECIFICATION

Network Transmission Device

Network Port	RJ45 Connector
Link Port	RJ45 Connector
Ethernet	100BASE-TX Full Duplex
Dimensions	
Transmitter Enclosure	6.73" x 4.76 X 2.17
Receiver	1.1" x 1.6" x 5.1" including tabs
Operating Temperature	-15° to 60° C / 0° to 140° F
Shipping Weight	5 lbs

Several Common Installation Types

