

Description

The ET1500UW is another component of the NITEK 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 PoE power to operate these network devices over the wire for distances up to 600 meters or 1960 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 for distances up to 600 meters or 1960 feet.

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.

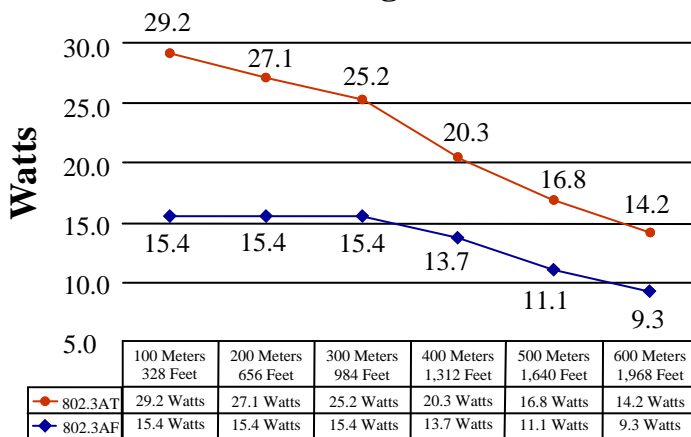
LED indicators show the status of network communication and PoE power. The EL1500UW requires no network settings to be changed or adjusted. The EL1500UW is ideal for retrofitting existing installations. The units are constructed of industrial grade RoHS compliant plated aluminum which is finished with a corrosion resistant finish making it very durable.

Features

- Transmits up to distances of 600 meters (1968 feet)
- Transmitter is fitted into a NEMA 4X rated enclosure to support outdoor applications
- Supports any network device, including mega-pixel technology IP cameras
- Fully transparent to the network
- Supports 10/100 and PoE over category rated cables
- Easy to install, no set up required
- Lifetime Warranty
- LED indicators for network signals, link status and power
- Surge protected inputs
- Ground loop isolation
- Made in the U.S.A.

Patent Pending USA
Euro Pat App 2779641

Available PoE Wattage At PoE Device



* Results charted were calculated using four pair 24awg Cat5e cabling and power sourcing equipment using IEEE 802.3AF standard with starting voltage of 48Vdc and IEEE 802.3AT standard with starting voltage of 54Vdc. PoE Switches with internal power and current limits may change individual results.



IEC/UL 60950-1



NITEK®

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 Aar 99
8253 PN Dronten
The Netherlands
Tel: +31(0) 321 310 043
E-mail: info@nitekeurope.net
WWW.NITEK.NET

TECHNICAL SPECIFICATION

Network Transmission Device

Network Port	RJ45 Connector
Link Port	RJ45 Connector
Ethernet	100BASE-TX Full Duplex
System Latency	<1mS over 1000 ft CAT5e
Dimensions	
Transmitter Enclosure	2.25" x 5.74" x 9.92" (including water-proof grommets)
Receiver	1.2" x 1.7" x 4.3" (including mounting tabs)
Operating Temperature	-40° to 75° C / -40° to 167° F
Shipping Weight	5 lbs

Several Common Installation Types

