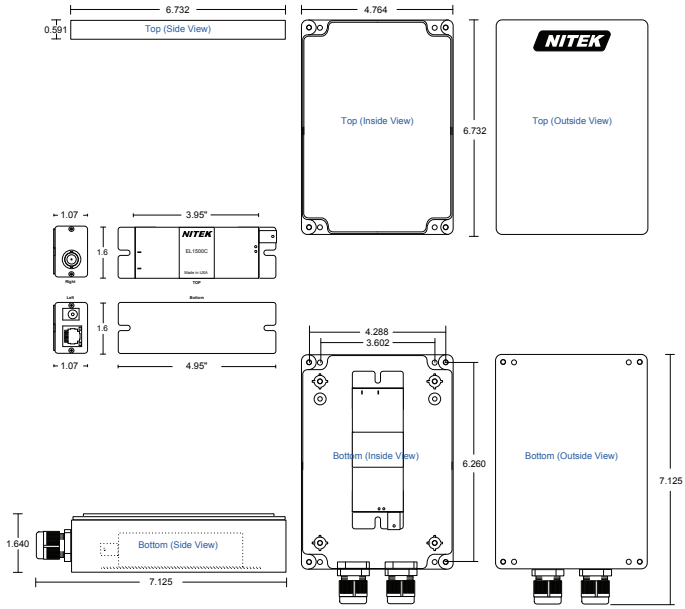
EL1500CW

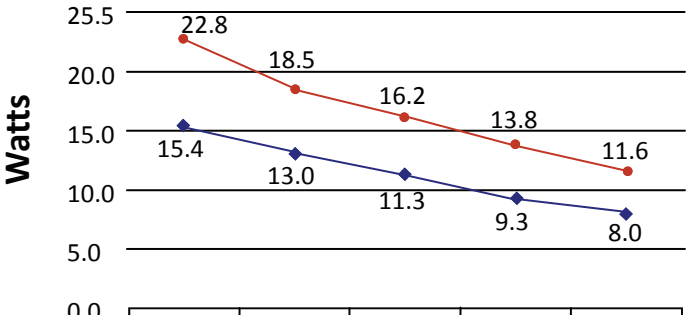
Outdoor Rated Ethernet & PoE Extender

03/24/11

PRODUCT SPECIFICATION



Available PoE Wattage At PoE Device



	100 Meters 328 Feet	200 Meters 650 Feet	300 Meters 1,000 Feet	400 Meters 1,300 Feet	500 Meters 1,640 Feet
802.3AT	22.8 Watts	18.5 Watts	16.2 Watts	13.8 Watts	11.6 Watts
802.3AF	15.4 Watts	13.0 Watts	11.3 Watts	9.3 Watts	8.0 Watts

* 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

Description

The **EL1500CW** 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) to operate these networked devices over the given wire media.

The **EL1500CW** 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 RG59 coax cable into a high speed network communication and PoE path.

The **EL1500CW** is transparent to the network thus requiring 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 **EL1500CW** requires no network settings to be changed or adjusted.

NITEK's ***EtherStretch*** **EL1500CW** extends network communications to overcome cable distance limitations offering connections to devices in locations traditional networking does not allow. The **EL1500CW** is ideal for retrofitting existing installations.

Features

- Transmits up to distances of 500 meters (1,640 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 RG59 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

CE RoHS COMPLIANT 2002/95/EC

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TECHNICAL SPECIFICATION

Network Transmission Device

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

Common Installation Type