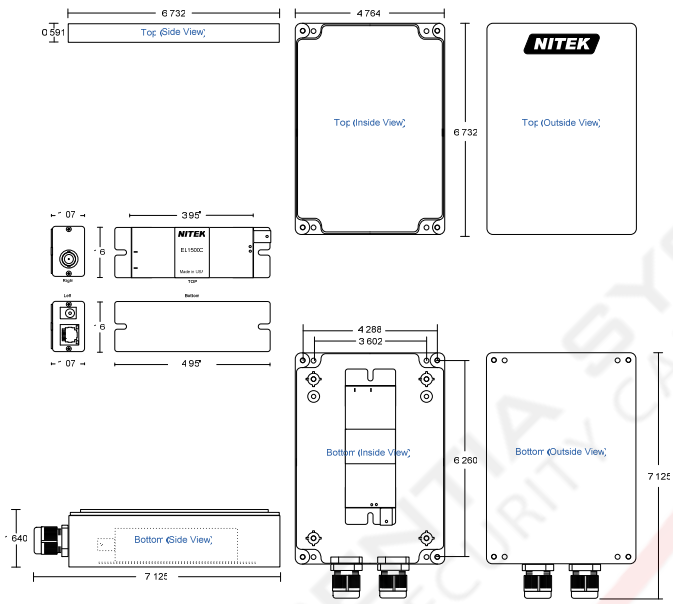
EL1500CW

Outdoor Rated Ethernet & PoE Extender

110812

PRODUCT SPECIFICATION



Description

The **EL1500CW** is another component of the NITEK **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 well beyond standard network limitations. The system can extend Ethernet to over 500m or 1600ft of coaxial cable making the **EL1500CW** is ideal for retrofitting existing installations.

The **EL1500CW** is a system containing a transmitter 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 no set up or configuration. The system quickly turns any ordinary RG59 coax cable into a high speed network communication and PoE path.

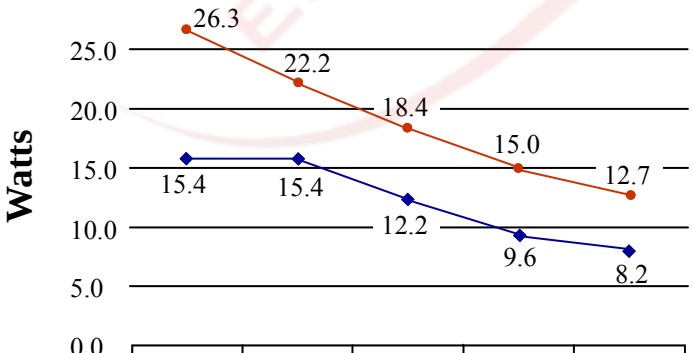
The **EL1500CW** is transparent to the network thus requiring no IP and MAC addressing. Simply connect your network devices to the networking port of the transmitter and receiver along with a cable between units and the system begins communicating. LED indicators show the status of network communication and PoE power. The **EL1500CW** requires no network settings to be changed or adjusted.

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

Features

- Supports 10/100 and PoE over RG59 cables up to distances of 500 meters (1600 feet)
- Transmitter housed in a NEMA 4X rated enclosure for outdoor applications
- Fully transparent to the network
- Supports any network device, including mega-pixel technology IP cameras
- Easy to install, no set up required
- No MAC or IP addressing required
- LED indicators for network signals, link status and power
- Ground loop isolation

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	26.3 Watts	22.2 Watts	18.4 Watts	15.0 Watts	12.7 Watts
802.3AF	15.4 Watts	15.4 Watts	12.2 Watts	9.6 Watts	8.2 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

c UL US LISTED EU
IEC/UL 60950-1

CE

RoHS COMPLIANT 2002/95/EC

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 Schans 19-21 2a
8231 KA Lelystad
Tel: +31(0)320-230005
Fax: +31(0)320-282186
E-mail: info@nitek.nl
WWW.NITEK.NL

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 75° C / 0° to 167° F
Shipping Weight	5 lbs

Common Installation Type