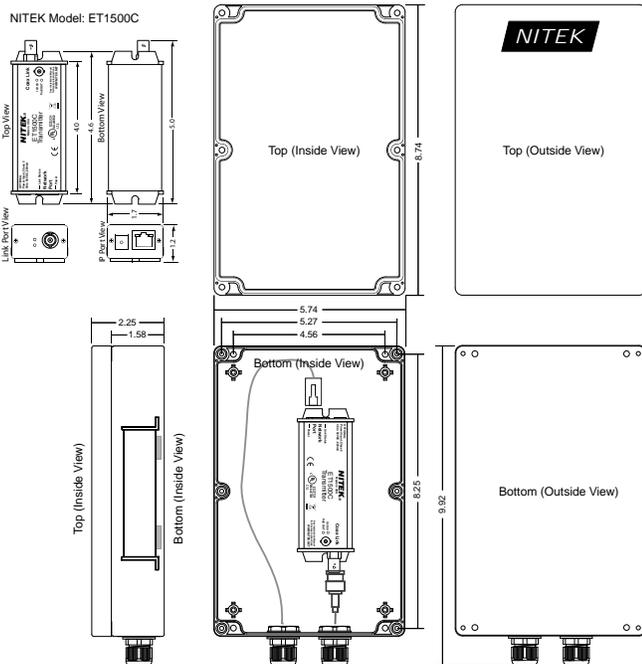




Transmitter

Receiver



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 up to 500m or 1640ft of coaxial cable making the EL1500CW 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.

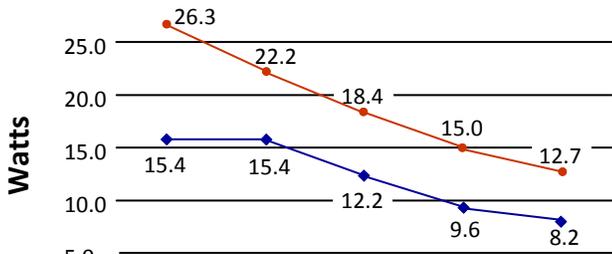
The EL1500CW is transparent to the network thus requiring no IP and MAC addressing. Simply connect your network devices to the networking port of the transmitter and receiver along with a cable between units and the system begins communicating. LED indicators show the status of network communication 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 (1640 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
- Lifetime Warranty
- LED indicators for network signals, link status and power
- Ground loop isolation
- Made in the U.S.A.

Available PoE Wattage At PoE Device



| | 100 Meters 328 Feet | 200 Meters 656 Feet | 300 Meters 984 Feet | 400 Meters 1,312 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. PoE Switches with internal power and current limits may change individual results.

Patent Pending



IEC/UL 60950-1



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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 | 2.25" x 5.74 X 9.92" including water-proof grommets |
| Receiver | 1.2" x 1.7" x 5.0" including tabs & BNC |
| Operating Temperature | -40° to 75° C / -40° to 167° F |
| Shipping Weight | 5 lbs |

Common Installation Type

