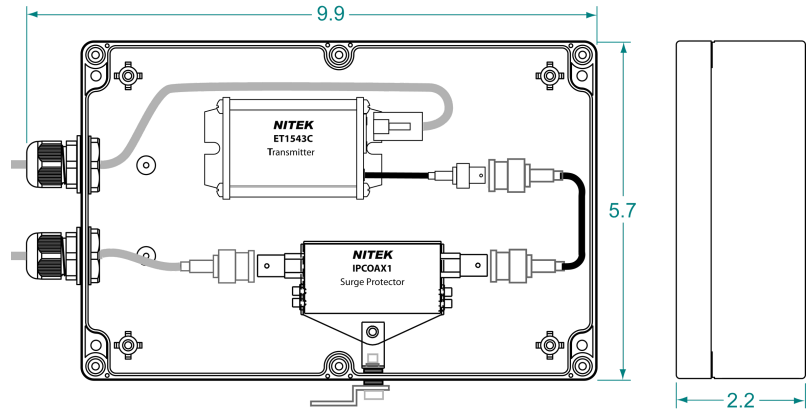


# ET1500CWS

**Outdoor IP Over Coax. Set Includes: Transmitter, Weatherproof Case and Surge Protector. Use with ER1500C, ER8500C and ER16500C.**

The ET1500CWS is part of the EtherStretch solution for outdoor applications. The ET1500CWS consists of an ET1543C and IPCOAX1 surge protector mounted into a WP1325 weatherproof enclosure. The ET1500CWS is a solution for PoE power and 10/100 link extension up to 500m on RG-59 or RG-6 coaxial cabling.

The WP1325 enclosure (indicated by the "W" in the part number) is a polycarbonate high-impact NEMA 4X rated box equipped with neoprene gaskets to prevent the ingress of moisture and dust. The box comes with two cable entries fitted with UL94V-2 rated nylon hex cable glands to maintain the weatherproof seal. The IPCOAX1 is a single channel, in-line 10/100 Ethernet-over-Coax surge protector. It also provides independent protection for 12/24V power, which can be used for heaters, blowers, or PTZ. The IPCOAX1 has a heavy-duty single ground connection integrated into the WP1325.



## PRODUCT FEATURES

- Transmitter and surge protector in a weatherproof enclosure with glands
- Use with ER1500C, ER8500C or ER16500C receiver
- Extends 10/100 Mbps Full Duplex Ethernet & PoE up to 500 meters over coax
- Supports any IP network device & 4K cameras
- Supports IEEE802.3at (25.5W) and IEEE802.3af (15.4W)
- Fully transparent to the network, no MAC or IP addressing required
- LED indicators for power, network rate, link status and PoE output
- Short circuit, over-current and over-voltage protection
- Ground loop isolation
- Easy to set up and install
- Limited Lifetime Warranty
- Designed, tested, manufactured and supported in the U.S.A.

## TECHNICAL SPECIFICATIONS

### Max Operating Distance

Network Port: 100m

Link Port: 500m

### Power

Requirements: NITEK receiver

Output: Meets IEEE802.3af/at

PoE Source: Available coax power

### LED Connectivity Indicators

Indicators: for power, network rate, link status and PoE output

### System Latency

System Latency: <1mS over 500m of RG-59

### Mechanical Dimensions (L x W x H)

ET1543C: 76mm (178mm) x 43mm x 30mm / 3.0" (7") x 1.7" x 1.2"

IPCOAX1: 46mm x 64mm x 33mm / 1.8" x 2.5" x 0.9"

WP1325: 53mm x 252mm x 146mm / 2.1" x 9.9" x 5.7"

### Shipping Dimensions (L x W x H)

Package: 254mm x 178mm x 102mm / 10" x 7" x 4"

Weight: 0.90kg / 2lbs

### Environmental / Temperature

Operating: -40°C to 75°C / -40°F to 167°F

Storage: -40°C to 75°C / -40°F to 167°F

Humidity: Up to 90% non-condensing

Mean Time Between Failure: >100,000 Hours

### Connectors

Network Port: RJ45 Connector

Link Port: BNC Coax Jack

### Rating / Listing

UL: IEC/UL 60950-1

NEMA TS-2: Temperature & Humidity NEMA 2.2.7

Mechanical Vibration NEMA 2.2.8

Mechanical Shock NEMA 2.2.9

Operating Voltage NEMA 2.1.2

Operating Frequency NEMA 2.1.8

Transient Test NEMA 2.1.6 thru 2.1.8

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