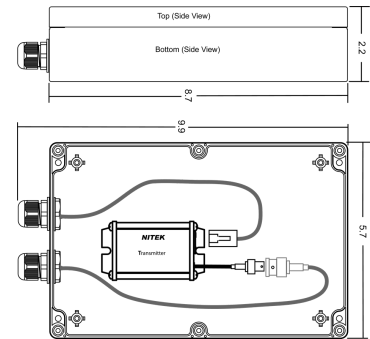


ET1243CW

Outdoor Mini IP over Coax Transmitter. Includes: ET1243C Transmitter and Weatherproof Case. Use with ER8200C, ER16200C or ER2400C Receivers only.

The ET1243CW is an ET1243C transmitter fitted in a weatherproof case. The ET1243C is the far end transmitter in an EtherStretch Lyte link and connects to the far end PoE-powered 10/100 Ethernet device. The ET1243C provides 100Mbps Ethernet link extension of up to 350m over RG-59 or RG-6 coaxial cabling. The ET1243C communicates with a multi-channel receiver at the headend. Each EtherStretch Lyte channel is designed to allow the Ethernet PoE Switch to negotiate with the remote PoE device through the receiver channel, ET1243C transmitter and coaxial cabling. Once the PoE comes up, the receiver channel and ET1243C transmitter also power up and begin link operations. The transmitter will run on 15VDC from the receiver if PoE is not being used on that channel.

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 bottom-side cable entries fitted with UL94V-2 rated nylon hex cable glands to maintain the weatherproof seal.



PRODUCT FEATURES

- Mini IP over Coax Transmitter in a weatherproof case with glands fits into tight spaces
- Requires ER8200C, ER16200C or ER2400C receiver
- Extends 100Mbps Full Duplex Ethernet & PoE up to 350 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, link status, and PoE output
- Surge protected inputs
- 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 (over Coax): 350m

Power

Requirements: PoE passthrough or by 15VDC from the receiver

LED Connectivity Indicators

Power, link status, and PoE output

System Latency

System Latency: <1mS over 350m RG-59

Mechanical Dimensions (W x H x L)

ET1243C: 43mm x 30mm x 76mm (1.7" x 1.2" x 3.0" (7"))

WP1325: 53mm x 252mm x 191mm / 2.1" x 9.9" x 5.7"

Shipping Dimensions (W x H x L)

Package: 152.4mm x 76.2mm x 254mm / 6" x 3" x 10"

Weight: 1.36kg / 3lbs

Environmental / Temperature

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

Storage: -40°C to 85°C / -40°F to 185°F

Humidity: Up to 95% non-condensing

Connectors

Network Port: RJ45 Connector

Link Port: BNC Coax Jack on mini cable

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 2.1.2

Operating Frequency NEMA 2.1.3

Transient Test NEMA 2.1.6 thru 2.1.8

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