

Description

The **EL1500C** allows Ethernet and PoE to be extended for distances up to 500 meters or 1600 feet.

The **EL1500C** is a system containing a transmitter and 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 EL1500C is transparent to the network and has 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.

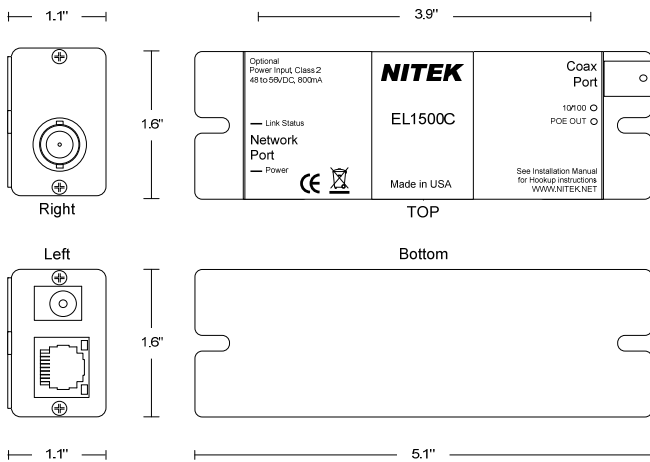
LED indicators show the status of network communication and PoE power. The EL1500C requires no network settings to be changed or adjusted.

The EL1500C extends network communications to overcome cable distance limitations offering connections to devices in locations traditional networking does not allow. The EL1500 is ideal for retrofitting existing installations.

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

Features

- Transmits up to distances of 500 meters (1600 feet)
- 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



PoE Device Power RG59 Coax with 20AWG Center*	
Distance	Power at PoE Port
50ft/15m	13 watts
325ft/100m	10.8 watts
500ft/150m	9.5 watts
1000ft/300m	7.9 watts
1500ft/450m	5 watts

*Results with 48VDC power to the Receiver optional Power Port and using RG59 SBC Type Cable

Transmitter used as PoE Injector*	
Distance from Network Port	PoE Device Power Available
30ft/10m	33 watts
325ft/100m	26 watts

*Results with 48VDC power to the Transmitter optional Power Port



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TECHNICAL SPECIFICATION

Network Transmission Device

Network Port	RJ45 Connector
Link Port	BNC Coax Jack
Ethernet	100BASE-TX Full Duplex
Dimensions	1.1" x 1.6" x 5.1" including tabs & BNC
Operating Temperature	-15° to 60° C / 0° to 140° F
Shipping Weight	2 lbs

Several Common Installation Types

