



## Description

The **ET1500U** is another component of the NITEK cutting edge **EtherStretch** line. This Environmentally hardened **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 beyond normal limitations. The system can extend Ethernet and PoE up to 600m or 1960ft of category cable making the ET1500U ideal for retrofitting and non-traditional installations.

The **ET1500U** is a transmitter that works in conjunction with a multi-port receiver unit. The **ET1500U** requires very little installation time and absolutely no set up or configuration. The **Etherstretch** system can quickly turn any ordinary four pair UTP cable into a high speed network communications and PoE pathway.

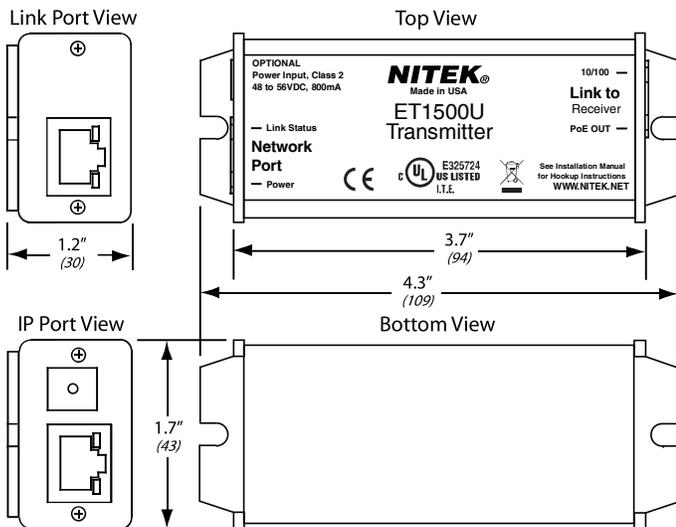
The ET1500U is transparent to the network with no IP or MAC addressing required. Simply connect your network devices to the LAN port of the transmitter along with existing cabling and to a multi-port receiver unit for the system to begin communicating. LED indicators show the status of network communication and PoE power.

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

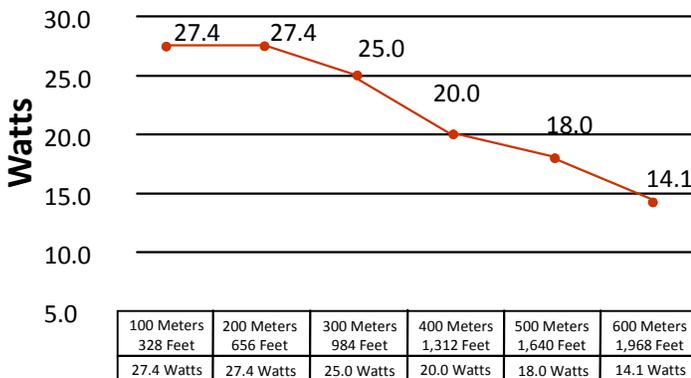
## Features

- Environmentally hardened – meets NEMA TS-1/TS-2
- Supports 10/100 and PoE over category rated cables up to distances of 600 meters (1968 feet)
- 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
- Optional power supply can insert PoE power for non-PoE switches
- Surge protected inputs
- Ground loop isolation
- Made in the U.S.A.

Patent Pending



## Available PoE Wattage At PoE Device



\* Results charted were calculated using four pair 24awg Cat5e cabling.



IEC/UL 60950-1



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 Aar 99  
 8253 PN Dronten  
 The Netherlands  
 Tel: +31(0) 321 310 043  
 E-mail: info@nitekeurope.net  
 WWW.NITEK.NET

# TECHNICAL SPECIFICATION

## Network Transmission Device

Network Port	RJ45 Connector
Link Port	RJ45 Connector
Ethernet	100BASE-TX Full Duplex
Rating/Listing	IEC/UL 60950-1
UL	Temperature & Humidity NEMA 2.2.7
NEMA TS-2	Mechanical Vibration NEMA 2.2.8
	Mechanical Shock NEMA 2.2.9
	Operating Voltage NEMA 2.1.2
	Operating Frequency NEMA 2.1.3
	Transient Test NEMA 2.1.6 thru 2.1.8
Operating Temperature	-40° to 75° C / -40° to 167° F
Dimensions	1.2" x 1.7" x 4.3" (including mounting tabs)
Shipping Weight	2 lbs

## Common Installation Type

