# ET1243C

## Ethernet & PoE Extender

01112016

## Network Transmission Device

## Etherstretch Lyte

## Features

- Supports 100Mb and PoE over RG59 cables up to distances of 350 meters (1150 feet)
- Fully transparent to the network, requiring no IP and Mac addressing
- Supports any network device, including mega-pixel IP cameras
- Easy to install, no set up required, Plug and Play
- Designed to work with ER8200C/ ER16200C/ ER24200C
- LED indicators for network signals, link status and power
- Surge protected input
- Ground loop isolation
- Lifetime Warranty
- Made in the U.S.A.

c UL E325724 US LISTED I.T.E.

IEC/UL 60950-1

CE

RoHS COMPLIANT 2002/95/EC

MADE IN U. S. A.

Patent Pending USA
Euro Pat App 2779641

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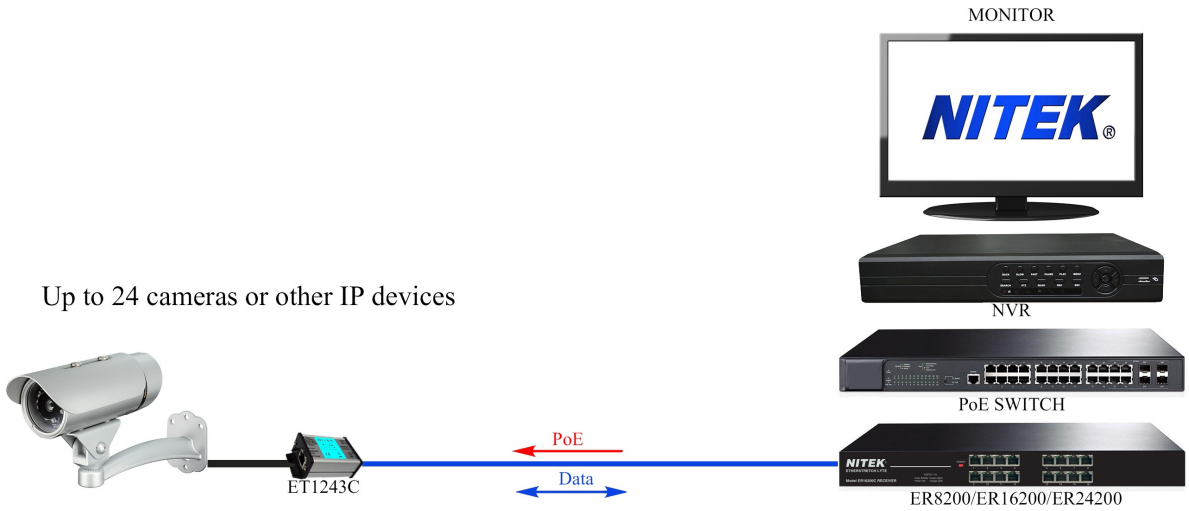
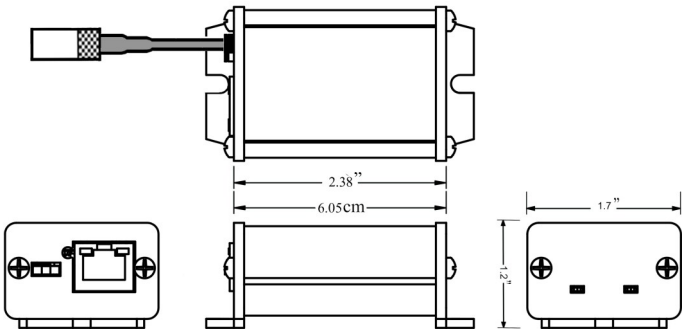
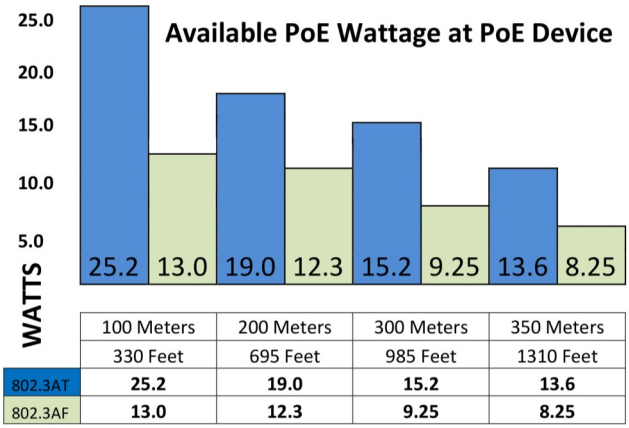
# Common Installation




| | 100 Meters | 200 Meters | 300 Meters | 350 Meters |
|---|---|---|---|---|
| | 330 Feet | 695 Feet | 985 Feet | 1310 Feet |
| 802.3AT | **25.2** | **19.0** | **15.2** | **13.6** |
| 802.3AF | **13.0** | **12.3** | **9.25** | **8.25** |

* Results charted were calculated with a 20AWG center conductor and power sourcing equipment using IEEE 802.AF standard with starting voltage of 48 volts DC and IEEE 802.AT standard with starting voltage of 54 volts DC PoE Switches with internal power and current limits may change individual results.

# Technical specifications

**Network Port:** RJ45 Connector
**Link Port:** BNC Coax Jack
**Ethernet :** 100BASE-TX Full Duplex
**Max Operating Distance:** 350m/1150 feet
**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 2.1.3
  Transient Test NEMA 2.1.6 thru 2.1.8

**System Latency:** <1mS over 1000ft RG59
**Operating Temperature:** -40° to 75° C / -40° to 167° F
**Humidity:** Up to 95% non-condensing
**Power Requirements:** PoE or by 15VDC from receiver
**BTU Rating:** 5 BTU/h
**Dimensions:** 1.2” x 1.7” x 3.0” / 3 cm x 4 cm x 8 cm
**Shipping Weight:** 1 lbs/ 0,5 kg
**Shipping Size:** 7.75” x 3.25” x 2.3”/ 20 cm x 8 cm x 6 cm