

Overview

The LongReach CCTV IP PoE Extender Kit, 600m (500115) allows one IP camera (up to 30 Watts) to be connected up to 1969ft (600m) via a single 75-ohm coax cable in a point-to-point configuration. The maximum distance depends on the grade and quality of coaxial cable used, and if PoE is used. An optional 56VDC (65W) Power Supply (sold separately) can be used if required, which also helps to extend distance.

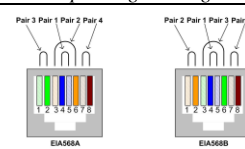
Applications:

- CCTV IP surveillance for:
 - Campus
 - Highways
 - Airports
 - Hotels
 - Casinos
 - Commercial complexes



Key Features:

- Supports one IP PoE camera via one coax cable
- Supports CCTV IP PoE cameras up to 30W
- Up to 3281ft (1000m) via coax @ 100Mbps (without PoE)
- Up to 1969ft (600m) via coax @ 100Mbps (with PoE)
- Up to 330ft (100m) on a Cat 5e/6 UTP cable LAN connection
- LED indicators for IP traffic

Environment	PoE CCTV IP
Devices	PoE CCTV IP cameras with a 10/100Mb/s Ethernet port, using up to 30 Watts.
Transmission	Transparent to the user
Standard supported	Ethernet side: IEEE 802.3 10BaseT, IEEE 802.3U 100Base-TX IEEE 802.3af/at compatible PoE
PoE Power	Class 3
Connectors	One (1) BNC 75 Ohms. One (1) RJ45S for Cat 5e/6 unshielded or shielded twisted pair.
LED Indicators	Power, IP Traffic, 100MBps
Maximum Distance	RG6: Up to 1969ft (600m) @ 100Mbps (with PoE) Up to 3281ft (1000m) with IP only (without PoE) UTP Cat 5e/6: Up to 330ft (100 m) <i>Note: When installed in an electrically noisy environment, an STP cable must be used. Also, cross-connection reduces the effective distance depending on the grade of twisted cable used.</i>
RJ45 Pin Configuration	<p>RJ45 Link</p> <p>Pin 1 (R) Pin 2 (T) Pin 3 (R) Pin 6 (T) Pin 4 (R) Pin 5 (T) Pin 7 (R) Pin 8 (T)</p> <p><i>Reverse Polarity Sensitive. Use EIA/TIA 568A or 586B straight-through wiring.</i></p> 
Cable	UTP/STP: One (1) Cat 5e/6 or better twisted pair cables required RG59/RG6: 75 Ohms (avoid CCS cable)
Power Supply	Optional Power Supply (110-240V/56VDC) min.65W (sold separately). <i>Required at the Camera Side Device when coax cable quality or length results in insufficient power reaching the camera. Required at the Network Side Device when used in a non-PoE environment.</i>
Power Consumption	Network Side: 3.2 Watt Camera Side: 3.0 Watt
Temperature	Operating: 0° to 60°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing
Enclosure	Metal
Dimensions	3.66/3.11" x 1.65" x 0.87" (93/79 x 42 x 22 mm)
Weight	0.78 lb (0.354 kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	500115 CCTV IP PoE Extender Kit, 600m (UPC: 627699001158)
Accessories	500116-(US, UK or EU) 56VDC 65W PSU (sold separately)

Typical Application

