

### Overview

The LongReach CCTV IP PoE Extender Kit, 1Km allows one IP camera (15.4 Watts) to be connected up to 3281 ft (1000m) 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.

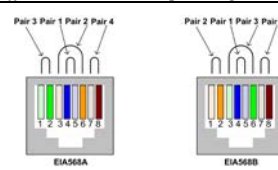


### Key Features:

### Applications:

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

- Supports one IP PoE camera via one coax cable
- Supports CCTV IP PoE cameras up to 15.4W
- Up to 3281 ft (1000m) via coax @ 100Mbps
- Up to 330 ft (100m) on the LAN connection
- LED indicators for power, IP traffic, 100Mbps
- Includes wall-mount brackets

<b>Environment</b>	PoE CCTV IP								
<b>Devices</b>	PoE CCTV IP cameras with a 10/100Mb/s Ethernet port, using up to 15.4 Watts.								
<b>Transmission</b>	Transparent to the user								
<b>Standard supported</b>	Ethernet side: IEEE 802.3 10BaseT, IEEE 802.3U 100Base-TX IEEE 802.3af compatible PoE (on camera side only)								
<b>PoE Power</b>	Class 3								
<b>Connectors</b>	One (1) BNC 75 Ohms. One (1) RJ45S for Cat 5e/6 unshielded or shielded twisted pair.								
<b>LED Indicators</b>	Power, IP Traffic, 100Mbps								
<b>Throughput</b>	Unidirectional Mode: 100 Mbps downstream and 1 Mbps upstream Bidirectional Mode: 60 Mbps downstream and upstream								
<b>Maximum Distance</b>	RG59/RG6: Up to 3281 ft (1000m) @ 100Mbps UTP Cat 5e/6: Up to 330 ft (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>								
<b>RJ45 Pin Configuration</b>	<p><b>RJ45 Link</b></p> <table style="border: none;"> <tr> <td>Pin 1 (R)</td> <td>Pin 2 (T)</td> </tr> <tr> <td>Pin 3 (R)</td> <td>Pin 6 (T)</td> </tr> <tr> <td>Pin 4 (R)</td> <td>Pin 5 (T)</td> </tr> <tr> <td>Pin 7 (R)</td> <td>Pin 8 (T)</td> </tr> </table>  <p><i>Reverse Polarity Sensitive. Use EIA/TIA 568A or 586B straight-through wiring.</i></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)
Pin 1 (R)	Pin 2 (T)								
Pin 3 (R)	Pin 6 (T)								
Pin 4 (R)	Pin 5 (T)								
Pin 7 (R)	Pin 8 (T)								
<b>Cable</b>	UTP/STP: One (1) Cat 5e/6 or better twisted pair cables required RG59/RG6: 75 Ohms (avoid CCS cable)								
<b>Power Supply</b>	One (1) 110-240V/24VDC 2.7A.								
<b>Power Consumption</b>	Network Side: 1.82 Watt      Camera Side: 1.73 Watt								
<b>Temperature</b>	Operating: 0° to 40°C      Storage: -20° to 85°C Humidity: Up to 95% non-condensing								
<b>Enclosure</b>	Metal								
<b>Accessories</b>	Wall-mount brackets included								
<b>Dimensions</b>	4.37" x 2.95" x 0.99" (110 x 75 x 25 mm)								
<b>Weight</b>	2 lb (0.91 kg)								
<b>Compliance</b>	Regulatory: FCC, CE, RoHS      Flammability: 94V0								
<b>Warranty</b>	2 years								
<b>Order Information</b>	500114-US CCTV IP PoE Extender Kit, 1Km, US (UPC: 627699001141) 500114-UK CCTV IP PoE Extender Kit, 1Km, UK (UPC: 627699901144) 500114-EU CCTV IP PoE Extender Kit, 1Km, EURO (UPC: 627699801147)								

## Typical Application

