

Overview

The LongReach CCTV IP PoE Extender Kit -30W (500112-30W) allows one CCTV PoE IP camera (up to 30 Watts) to be connected up to 980 ft (300 m) via a single 75-ohm coax cable in a point-to-point configuration to a PoE LAN switch. If the LAN switch is not PoE, then a 56VDC Power Supply is required in order to power the PoE camera and the 500112-30W. The maximum distance depends on the grade of coax cable and the power consumption of the camera.

Applications

Campus, highways, airports, hotels, casinos, commercial complexes, remote parking lots, entry gates, self-storage, hospitals, car dealerships, prisons, network connections

Benefits

Preserve investment in coax infrastructure Network connections in harsh electrical areas.





Key Features

- Supports one IP PoE camera via one coax cable
- Supports CCTV IP PoE cameras up to 30W
- Up to 980 ft (300m) via coax @ 100Mbps/30W
- Up to 330 ft (100m) on the LAN connection
- LED indicators for power, IP traffic, 100Mbps
- Includes wall-mount brackets

Cuasifications	
Specifications	D-F OOT UD
Environment	PoE CCTV IP
Devices	PoE CCTV IP cameras with a 10/100Mb/s Ethernet port, using up to30 Watts.
Transmission	Transparent to the user
Standard supported	Ethernet side: IEEE 802.3 10BaseT, IEEE 802.3U 100Base-TX,
	IEEE 802.3at compatible PoE
PoE Power	PoE 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	RG59/RG6: Up to 980 ft (300m) @ 100Mbps
	UTP Cat 5e/6: Up to 330 ft (100 m) @ 100 Mbps
	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
RJ45 Pin Configuration	RJ45 Link
Reverse Polarity Sensitive. Use EIA/TIA 568A or 586B straight-	Pin 1 (R) Pin 2 (T)
through wiring	Pin 3 (R) Pin 6 (T)
unough whing	Pin 4 (R) Pin 5 (T)
	Pin 7 (R) Pin 8 (T)
Cable	UTP/STP: One (1) Cat 5e/6 cable (or better) required
	RG59/RG6: 75 Ohms (avoid CCS and aluminum foil cable due to DC loss)
PoE Power Supply	Optional Power Supply (110-240V/56VDC/40W min., 2.1mm plug)
	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 with non-PoE LAN switch.
Power Consumption	Network Side: 1.82 Watt Camera Side: 1.73 Watt
Temperature	Operating: 0° to 40°C
remperature	Storage: -20° to 85°C
	Humidity: Up to 95% non-condensing
Enclosure	Metal
	Wall-mount brackets included
Accessories	
Dimensions	4.37" x 2.95" x 1" in (111 x 75 x 25 mm)
Shipping Weight	1.5 lb (0.68 kg)
Regulatory	FCC, CE, RoHS, WEEE
Warranty	2 years
Order Information	500112-30W - LONGREACH CCTV IP POE EXTENDER KIT – 30W

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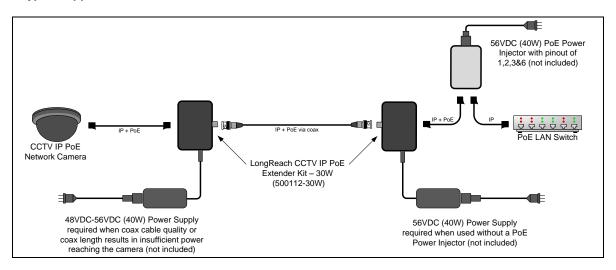
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Typical Applications







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