



Ultra PoE Injector

ELM-UPOE-INJ

Single-Port 10/100/1000Mbps Ultra PoE Injector (60 Watts)



Quick and Easy Gigabit High Power PoE Network Deployment

The ELM-UPOE-INJ is a single port UPoE Injector with a maximum of 60W of power over an Ethernet cable. The device works with the PoE UltraPod™ to offer 13.8V dc 3A for Access Control and CCTV applications.

Interface

- 2-Port RJ-45 interfaces
 - 1-Port Data + Power input
 - 1-Port Data output

Power over Ethernet

- Ultra Power over Ethernet End-Span / Mid-Span PSE
- IEEE 802.3at/af PoE standard compliant
- Compatible with All IEEE 802.3at/af Powered Devices
- Supports 56VDC, 60pwatt PoE power output
- Auto-detection of PoE IEEE 802.3at/af equipment and device for possible damage by incorrect installation
- Automatic detection and protection of non-standard Ethernet terminals
- Remote power feeding up to 100 meters

Hardware

- Metal case
- All-in-one compact size design
- LED indicators for Power LED and POE input

Standard Compliance

- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-TX
- IEEE 802.3ab 1000Base-T
- IEEE 802.3at High Power over Ethernet
- IEEE 802.3af Power over Ethernet
- FCC Part 15 Class A, CE

Specifications

Hardware Specifications		
Interface	Input Port	1 x RJ-45 STP - Data In
	Output Port	1 x RJ-45 STP - PoE (Data + Power) Out
	DC Socket	56V DC Input
LED Indicator	System: Power x 1 (Green) PoE Port: PoE in Use x 1 (Green)	
Network Cable	Ultra PoE (60W):	10/100/1000Base-T: 4-Pair UTP Cat. 5e, 6 up to 100m (328ft)
	802.3af / at PoE (15W / 30W):	10/100/1000Base-T: 2-Pair UTP Cat. 3, 5, 5e, 6 up to 100m (328ft)
Data Rate	10/100/1000Mbps	
Dimensions	95 W x 70 D x 26 H mm	
Weight	237g	
Unit Input Voltage	DC 56V	
Power Requirements	External AC-to-DC adapter 100-240V AC, 50/60Hz, 1.5A	
Power Consumption	65 watts max.	
Operating Temperature	0 ~ 50 degrees C	
Storage Temperature	-10 ~ 70 degrees C	
Operating Humidity	5 ~ 90%, Relative Humidity, non-condensing	
Storage Humidity	5 ~ 90%, Relative Humidity, non-condensing	
Power over Ethernet		
PoE Standard	IEEE 802.3at High Power over Ethernet End-span / Mid-span PSE	
Power Output	DC 56V / 60-watt PoE via 4-pairs DC 56V / 30-watt PoE via 2-pairs	
PoE Power Supply Type	End-Span + Mid-Span	
Power Pin Assignment	Pair 1: 1/2(-), 3/6(+) Pair 2: 4/5(+), 7/8(-)	
Standards Conformance		
Standards Compliance	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3at High Power over Ethernet IEEE 802.3af Power over Ethernet	
Regulation Compliance	FCC Part 15 Class A, CE	