PINJ30 PoE / PoE+ Injector

perle.com/products/poe-injectors/pinj30-poe-injector.shtml

IEEE 802.3at/af Mid-span Injector

- IEEE 802.3at (PoE+) compliant with 2-event classification
- IEEE 802.3af (PoE) backward compatible
- Output power up to 30W over 100 meters (328ft) UTP
- Supports 10/100/1000Base-T applications
- Automatically detects whether the connected device is PoE-capable to avoid sending power to a non-PoE device
- Plug & Play: No configuration required

The **Perle PINJ30** is a single port, high power **PoE+ mid-span injector**. It acts as an intermediary device between a non-PoE switch and a PoE device to inject **fully compliant** power over the Ethernet cable.

Generating **up to 30 Watts**, the PINJ30 provides electrical power to remote **PD access points**, **pan-tilt and zoom (PTZ) cameras** and **video-phones**. It complies with the **IEEE 802.3at PoE+** standard (30W of power) and is backward compatible with **IEEE802.3af PoE** (15.4W of power). It is designed to power existing 10/100Base-T network devices and Gigabit devices such as **IEEE 802.11ac** access points and IP cameras. Learn more about PoE.

With the PINJ30, there is no need to buy an expensive PoE switch or install electrical wiring and outlets in hard to reach locations. Just use and open port on an existing non-PoE switch to **save time and money by sending power and data over the same cable**.

Perle PoE Injectors only use high-end components and PoE+ controllers from leading chip manufacturers to ensure product reliability.

PINJ30 PoE Injector Features

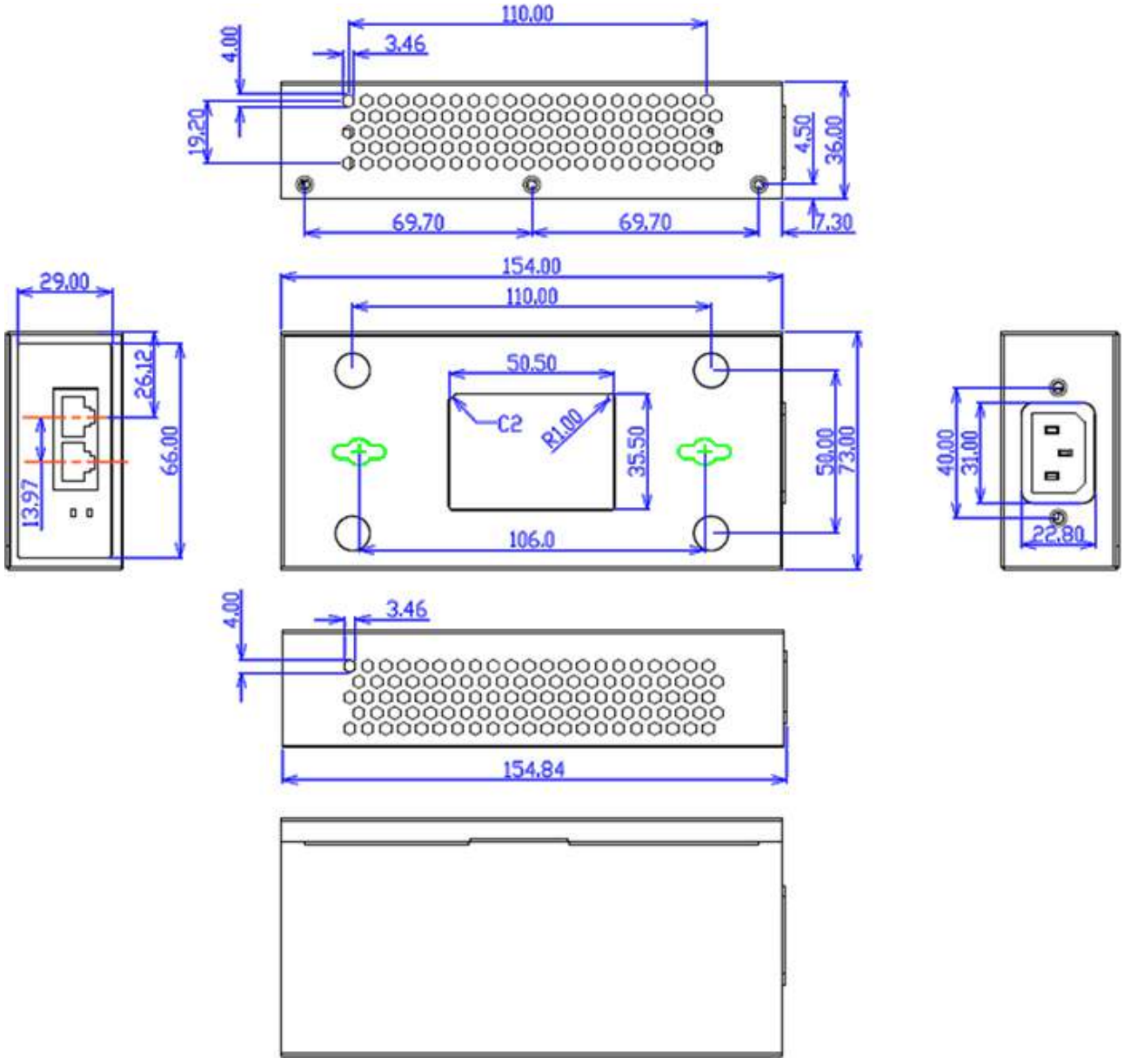
Power Over Ethernet (PSE)	Performs the Power Sourcing Equipment (PSE) function on 1 UTP port for IEEE 802.3af (15.4 watts PoE) and IEEE 802.3at (up to 30 watts PoE+) compliant devices.
On-board PoE Power Controller	This PoE power controller provides compliant power provisioning and monitoring, properly sensing through signature detection whether or not the attach Ethernet devices are PoE capable or not. This provides a safe connection for both PoE and Non-PoE capable devices. *Click here for more details*

Advanced Power Management	• PD signature detection • Current limiting protection • Over-Current Protection • PD power classification detection (Class 0,1,2,3,4)

Specifications	**PINJ30**
Data port	1x 10/100/1000Base-T RJ45
Data and Power port	1x 10/100/1000Base-T RJ45 for connecting to PoE PD
Power Over Ethernet Output	Pin Assignment and Polarity based on IEEE 802.3at (ALT A) Output 1/2 (+), 3/6 (–)
AC Input	100 to 240 VAC, 50 to 60Hz Universal Power 3 Pin AC-Inlet IEC-C14 (IEC-C13 connector country specific power cord provided)
Back of product	
Power Consumption	36.6 Watts maximum (@ 30W PoE output)
Indicators	PWR: Solid green when AC power is on, off when AC power is not on PoE: Solid green when PoE port is supplying power, off when not
Environmental Specifications	
Operating Temperature Ranges	0 to 40°C (32 to 104°F)
Storage Temperature Range	-40 to 70°C (-40 to 158°F)
Operating Humidity Range	10 to 95% (non-condensing)
MTBF	698,142 hours @ 25°C *
Chassis	Rugged Metal Case with an IP20 ingress protection rating
Product Weight and Dimensions	
Weight	0.39 kg (0.9 lbs)

Dimensions	73 x 36 x 154 (mm), 2.87 x 1,42 x 6.00 (in)
Packaging	
Shipping Weight	0.73 kg (1.6 lbs)
Shipping Dimensions	22 x 17 x 7 (cm) 8.7 x 6.7 x 2.8 (inch)
Standards and Certifications	
Safety	UL 60950-1 EN 60950-1:2006+A11:2009+A1:2010+A12:2011 CE Mark
Emissions	EN55011 2009 + A1: 2010 (Group 1 Class A)
EMC and Immunity	EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, EN61000-6-2,
Other	ECCN: 5A991
	HTSUS Number: 8517.62.0020
	2 year warranty

*As per Telcordia Issue 2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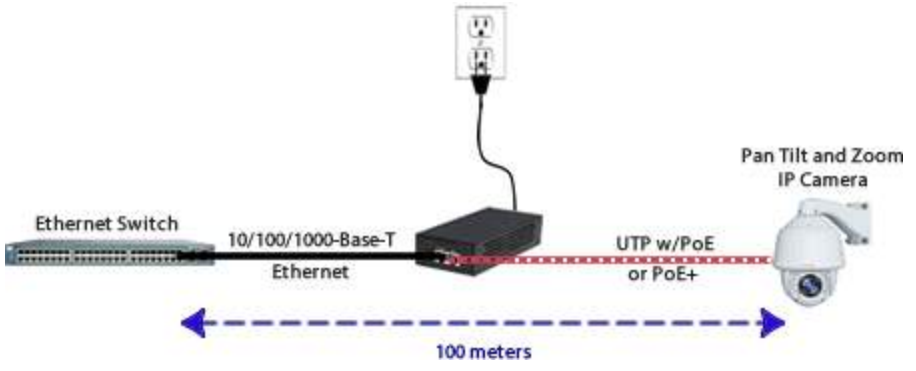
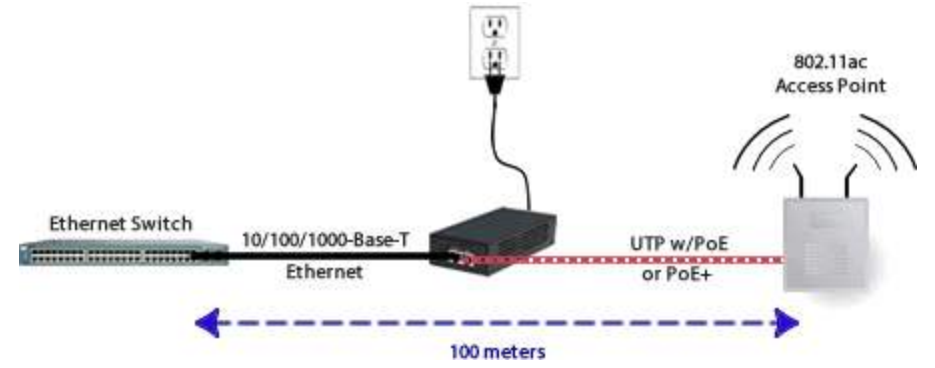
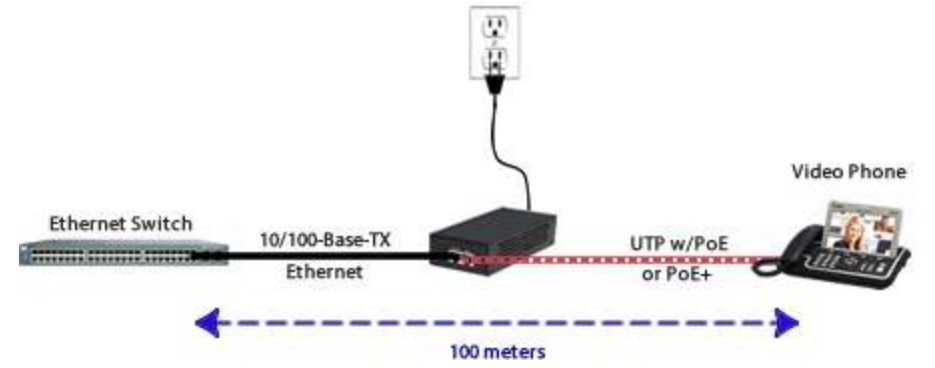
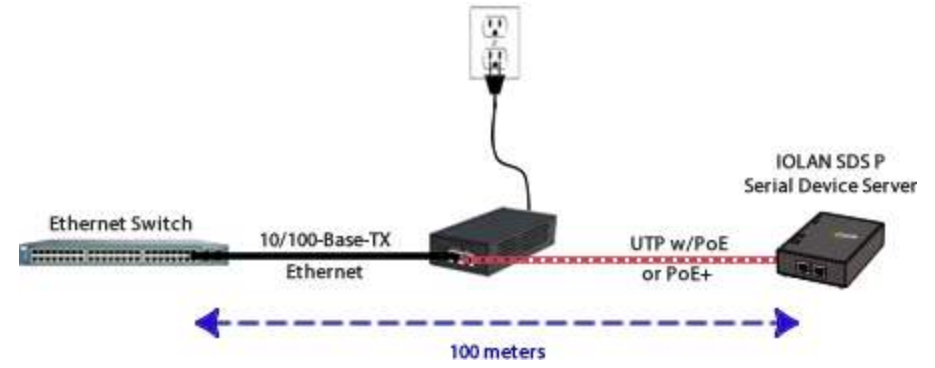

Pan Tilt and Zoom
IP Camera
Ethernet Switch
10/100/1000-Base-T
Ethernet
UTP w/PoE
or PoE+
100 meters







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