

## PALUN

Ethernet over Coax. with PoE

Connect & Power-up PoE devices over Coax Cable

Connect Non-PoE devices over Coax Cable



**PALUN TX**



**PoE  
PALUN RX**



**Non-PoE  
PALUN RX**

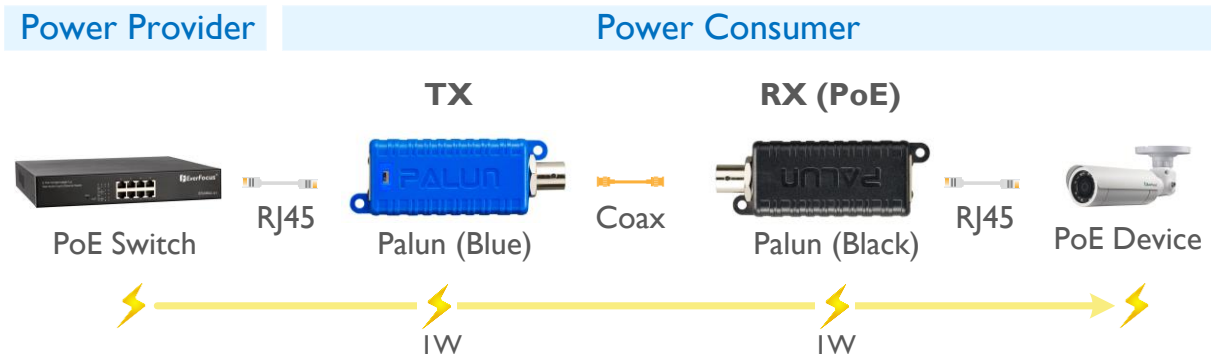


## Features





- Maximum connection distance of 1148ft / 350m
- Automatic 802.3at & af PoE detection
- Automatic MDI/MDI-X detection
- Any Networking Device (PoE / Non-PoE)
- Works with EverFocus and 3rd-party IP cameras
- Cost saving: no need for re-cabling, keep the Coax for network surveillance
- Easy installation
- Slim & compact design
- Low network signal attenuation
- Time saving: overturn time-consuming installation process; quick connection to PoE power supply significantly save human resource costs and time

# Connection Diagram

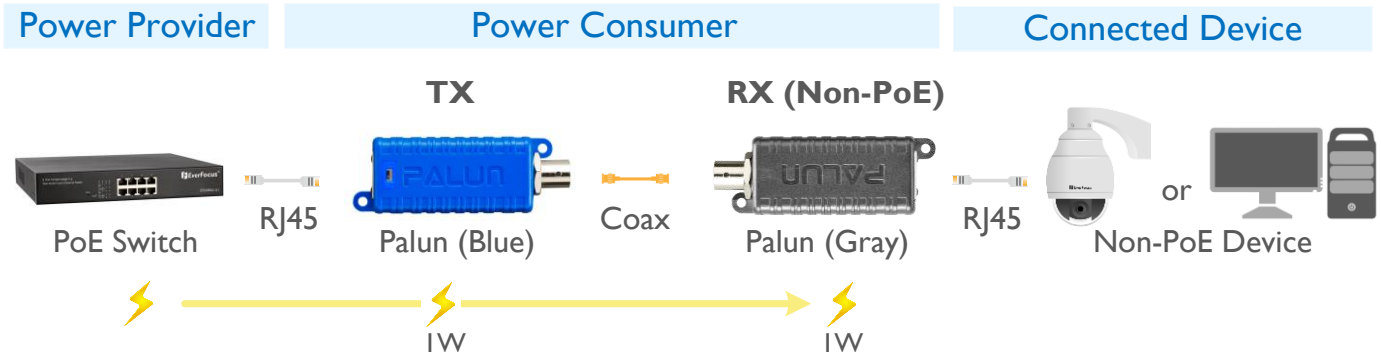
- PoE Device Connection Diagram





## Ordering Options

1 Pair Hanging Card Package	10-Pair Box Pack	Single Box Pack	Single Box Pack
PALUN-T (Blue) & PALUN-R (Black)	PALUN-T (Blue) & PALUN-R (Black)	PALUN-T (Blue)	PALUN-R (Black)
 x 1PAIR	 x 10PAIRS	 x 1PCE	 x 1PCE

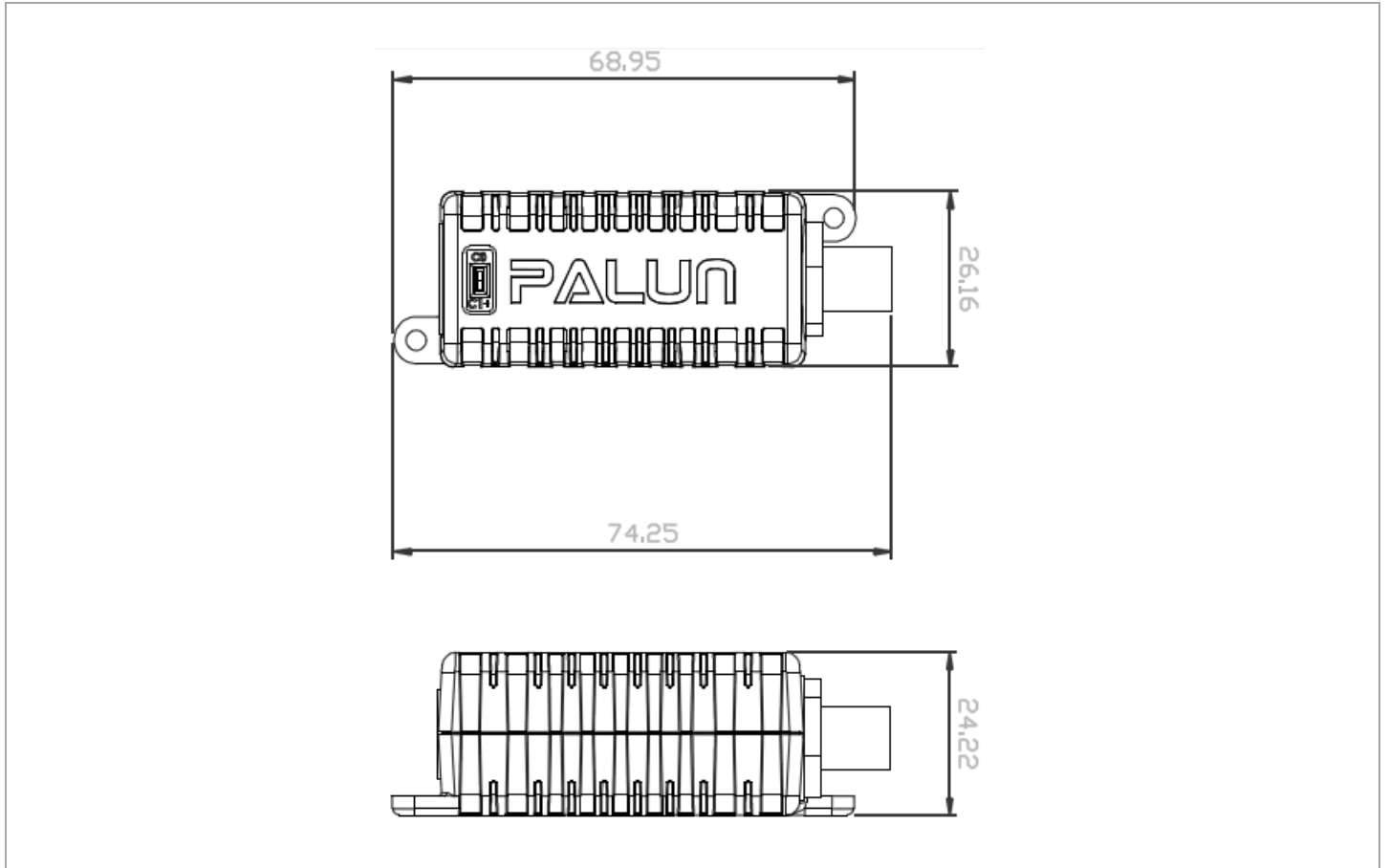
- Non-PoE Device Connection Diagram



## Ordering Options

Single Box Pack	Single Box Pack
PALUN-T (Blue)	PALUN-XR (Gray)
 x 1PCE	 x 1PCE

## Dimensions



## Optional Accessories

### PALUN Rack Mount Bracket (Screws included)

The Rack Mount Bracket BA-PU12 is especially designed for PALUN (Blue).

The maximum number for PALUN installed on the bracket is 12.

#### **BA-PU12**



#### Suggested Installation



# Specification

Model No.		PALUN
Ethernet Standards		IEEE 802.3 af/at IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3x Flow Control
Smart Features		Auto-MDI/MDI-X Function Auto-Negotiation Function
Power Input	IEEE 802.3 at	50~57V / 30W (Max)
	IEEE 802.3 af	44~57V / 15.4W (Max)
Power Output	IEEE 802.3 at	50~57V / 30W (Max)
	IEEE 802.3 af	44~57V / 15.4W (Max)
Transmission Distance	Cat5e	100m (x2) / 328ft. (x2)
	Coaxial Cable	150m / 492ft.
	Total	350m / 1148ft.
BNC	Impedance	75Ω
General	Dimensions	27 x 25 x 74mm / 1.1" x 1.0" x 2.9"
	Weight	90g / 0.2lb
	Power Consumption	2W
	Operating Temperature	-10°C ~ 50°C / 14°F ~ 122°F
	Storage Temperature	-20°C ~ 70°C / -4°F ~ 158°F
	Humidity	10 ~ 90% RH (non-condensing)
	Certificates	CE, FCC, UL

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