

## RP- PE48004

### 10/100M PoE Injector

RP-PE48004, Single-port PoE Injector, takes 90~264Vac and delivers 48Vdc 400mA with base Unit for POE. It powers 48Vdc via pairs 4,5& 7,8 of the UTP cable and for power supply safety, it also supports over power protection maximum 96V for 48V output.



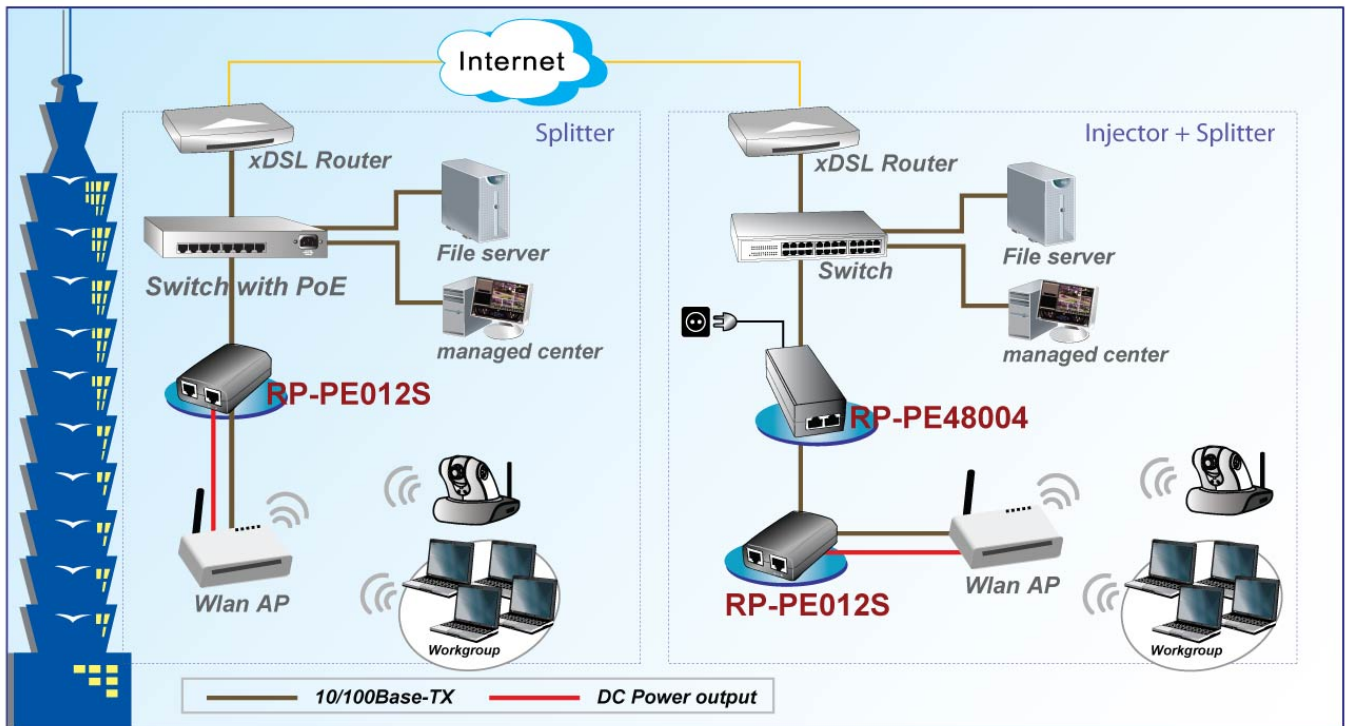
### Features

- Complies with IEEE 802.3/802.3u 10/100Base-T
- Provides 48Vdc via pairs 4,5(+)& 7,8(-) of RJ-45 cable and for power supply safety
- Distance up to 100 meters
- Provides up to 15.4W of Power over Ethernet

### Specifications

<b>Input Requirements</b>	<ul style="list-style-type: none"> <li>• AC VOLTAGE: 90Vac TO 264Vac INPUT</li> <li>• FREQUENCY: 47Hz TO 63Hz</li> <li>• AC CURRENT: 0.6A MAX.</li> <li>• INRUSH CURRENT: 40A MAX. AT 115Vac AND FULL LOAD, COLD START, 25°C.</li> </ul>				
<b>Output Requirements</b>	• DC OUT REQUIREMENTS:				
	OUTPUT VOLTAGE	OUTPUT TOLERANCE	RIPPLE & NOISE	LOAD	
	+48Vdc	45.6V~50.4V	480mVp-p	MIN	MAX
	<ul style="list-style-type: none"> <li>• OVERSHOOT: OVERSHOOT SHOULD NOT EXCEED 10% OVER NOMINAL VOLTAGE</li> <li>• RISE TIME: 50mS MAX.</li> <li>• HOLD-UP TIME: MINIMUM 10mS AT 80% MAX LOAD, 115Vac INPUT</li> </ul>				
<b>Efficiency</b>	• THE SWITCHER SHOULD PROVIDE DC CONVERSION EFFICIENCY MINIMUM 80% AT FULL LOAD, 115Vac INPUT.				
<b>Protection Requirements</b>	• OVER VOLTAGE PROTECTION: 96V MAX. FOR 48V OUTPUT				
<b>Environment</b>	<ul style="list-style-type: none"> <li>• Operating temperature : 0°C to 40°C</li> <li>• Operating Humidity:20% to 90% (Non-Condensing)</li> </ul>				

## Application



## Ordering information

**RP-PE48004** 10/100M 48V/0.4A PoE Injector