

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.



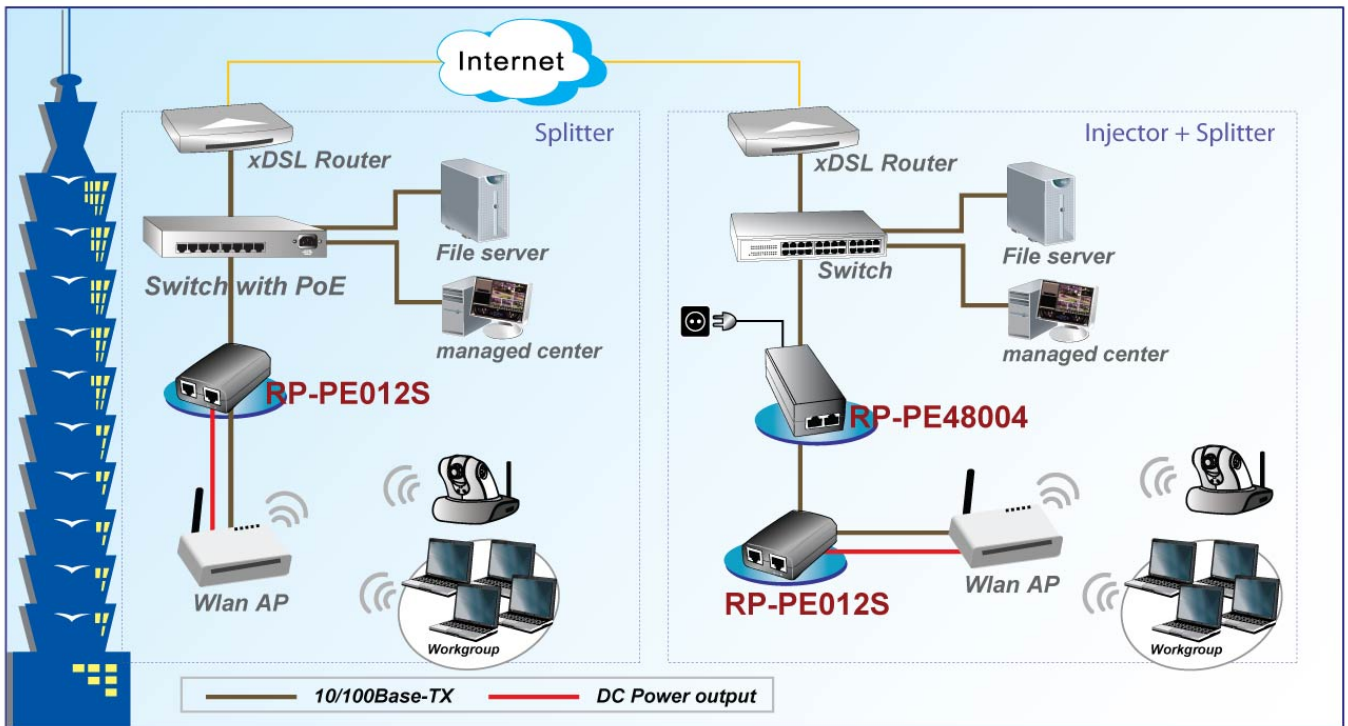
Feature

- 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

Specification

Input Requirements	<ul style="list-style-type: none"> • AC VOLTAGE: 90Vac TO 264Vac INPUT • FREQUENCY: 47Hz TO 63Hz • AC CURRENT: 0.6A MAX. • INRUSH CURRENT: 40A MAX. AT 115Vac AND FULL LOAD, COLD START, 25°C. 				
Output Requirements	• DC OUT REQUIREMENTS:				
	OUTPUT VOLTAGE	OUTPUT TOLERANCE	RIPPLE & NOISE	LOAD	
	+48Vdc	45.6V~50.4V	480mVp-p	MIN 0.0A	MAX 0.4A
Efficiency	<ul style="list-style-type: none"> • OVERSHOOT: OVERSHOOT SHOULD NOT EXCEED 10% OVER NOMINAL VOLTAGE • RISE TIME: 50mS MAX. • HOLD-UP TIME: MINIMUM 10mS AT 80% MAX LOAD, 115Vac INPUT 				
Protection Requirements	<ul style="list-style-type: none"> • THE SWITCHER SHOULD PROVIDE DC CONVERSION EFFICIENCY MINIMUM 80% AT FULL LOAD, 115Vac INPUT. • OVER VOLTAGE PROTECTION: 96V MAX. FOR 48V OUTPUT 				
Environment	<ul style="list-style-type: none"> • Operating temperature : 0°C to 40°C • Operating Humidity:20% to 90% (Non-Condensing) 				

Application



Ordering information

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