

PSE-100GT/100GT-E

1-Port Gigabit 802.3at High-Power PoE Injector (30Watt output power)

Overview

The PSE-100GT is a single port, high-power solution for remote powering of current and emerging high power wide range temperature applications. Generating up to 30W, the device enables remote power for a new range of applications including 802.11 Access Points, pan-tilt-zoom (PTZ) cameras and video-phones. It complies with IEEE 802.3at PoE standard and is backward compatible to IEEE802.3 af. It can power both existing 10/100Base-T network devices and emerging wireless; 1000Base-T devices such as Wi-MAX and wireless IEEE 802.11n Access Points



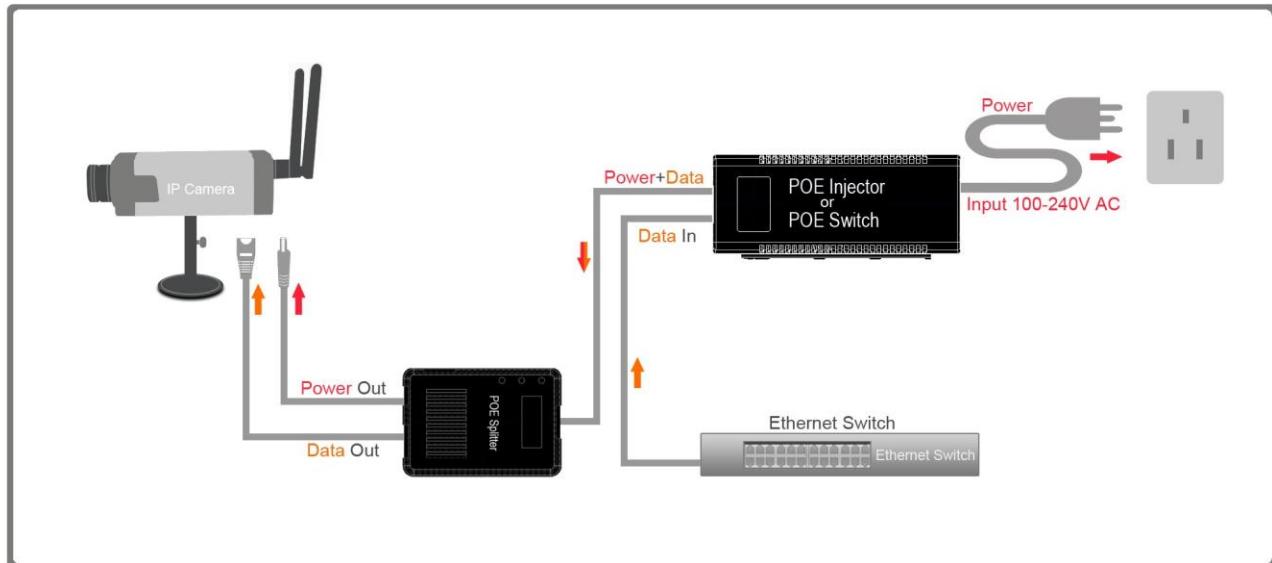
Features

- Two Port RJ-45 interfaces, One Data input and One Data + Power output
- 10/100/1000M PoE+ power source device
- Complied with IEEE802.3 10Base-T Ethernet
- Complied with IEEE802.3u 100Base-TX fast Ethernet
- Complied with IEEE 802.3ab 1000Base-T
- Max. up to 30W per port
- Complied with IEEE 802.3at
- Complied with IEEE 802.3af
- Short circuit protection for short GND
- Over load protection for currents over 600mA
- Auto-detection and Protection of Non-standard device
- LED indicator: POWER

Specifications

Number of Ports	<ul style="list-style-type: none"> ● 1 *RJ-45 Connector : Data input port ● 1 * RJ-45 Connector: Data+ power output port
Data Transfer Rate	<ul style="list-style-type: none"> ● Ethernet: <ul style="list-style-type: none"> ➢ 10Mbps/Half-Duplex ➢ 20Mbps/Full-Duplex ● Fast Ethernet: <ul style="list-style-type: none"> ➢ 100Mbps/Half-Duplex ➢ 200Mbps/Full-Duplex ● Gigabit Ethernet: <ul style="list-style-type: none"> ➢ 2000Mbps/Full-Duplex
Transmission Media	<ul style="list-style-type: none"> ● 10Base-T Cat. 3, 4, 5 UTP/STP, up to 100 m ● 100Base-TX Cat. 5 UTP/STP, up to 100 m ● 1000Base-T 2 pair UTP Cat. 5, 5e, 6, up to 100 m
LED Indicators	<ul style="list-style-type: none"> ● Power
Input Voltage	<ul style="list-style-type: none"> ● AC 100 to 240 V / 50 to 60 Hz
Output Voltage	<ul style="list-style-type: none"> ● DC 48V Max. 30watt
Power output pin	<ul style="list-style-type: none"> ● VDC: 1&2 (+), 3&6 (-)
Dimensions	<ul style="list-style-type: none"> ● 133 mm x 63 mm x 35 mm
Weight	<ul style="list-style-type: none"> ● 162g
Connectors	<ul style="list-style-type: none"> ● Shielded RJ-45, EIA 568A and 568B
Operating Temperature	<ul style="list-style-type: none"> ● 0 to 45°C (PSE-100GT) ● -10 to 70°C (PSE-100GT-E)
Storage Temperature	<ul style="list-style-type: none"> ● -20 to 90°C
Humidity	<ul style="list-style-type: none"> ● 10 to 90% RH (non-condensing)
Regulatory Compliance	<ul style="list-style-type: none"> ● FCC Class A, CE

Application



Ordering Information

PSE-100GT : 1-Port Gigabit 802.3at High-Power PoE Injector (30Watt output power), 0~45C

PSE-100GT-E : 1-Port Gigabit 802.3at High-Power PoE Injector (30Watt output power), -10~70C

** Product specification subject to change without notice.*