

# Power over Ethernet PSE-200GT

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

## Overview

The PSE-200GT 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 IEEE802.3af. 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

- Full IEEE 802.3af, IEEE 802.3at Compliant
- Up to 30W of Power on 2-pairs
- Auto-detect of POE IEEE 802.3af equipment
- Supports 10/100/1000 Base-T applications
- LED indicators power input indication
- Distance up to 100 meters
- Internal AC/DC converter – no need for external power brick
- Easy plug-and-play installation
- Surge protection
- EMI standards complies with FCC, CE class B
- Safety standards comply with UL/CUL, KC, PSE, GS, CB, CCC, BSMI, EAC, NOM, S-MARK etc.
- ERP VI, DOE VI, GEMS VI energy saving Approved

## Specifications

<b>Number of Ports</b>	<ul style="list-style-type: none"> <li>1 *RJ-45 Connector : Data input port</li> <li>1 * RJ-45 Connector: Data+ power output port</li> </ul>
<b>Transmission Media</b>	<ul style="list-style-type: none"> <li>10Base-T Cat. 3, 4, 5 UTP/STP, up to 100 m</li> <li>100Base-TX Cat. 5 UTP/STP, up to 100 m</li> <li>1000Base-T 2 pair UTP Cat. 5, 5e, 6, up to 100 m</li> </ul>
<b>LED Indicators</b>	<ul style="list-style-type: none"> <li>AC Power, Channel Power</li> </ul>
<b>Input Voltage</b>	<ul style="list-style-type: none"> <li>AC 100 to 240 V / 50 to 60 Hz, 0.3A</li> </ul>
<b>Output Voltage</b>	<ul style="list-style-type: none"> <li>DC 54V Max. 30watt</li> </ul>
<b>Power output pin</b>	<ul style="list-style-type: none"> <li>VDC: 1&amp;2 (-), 3&amp;6 (+)</li> </ul>
<b>Surge protection</b>	<ul style="list-style-type: none"> <li>AC port : 6KV</li> <li>RJ-45 port : 4KV</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>150 mm x 65 mm x 38 mm</li> </ul>
<b>Connectors</b>	<ul style="list-style-type: none"> <li>Shielded RJ-45, EIA 568A and 568B</li> </ul>
<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>0 to 45°C</li> </ul>
<b>Storage Temperature</b>	<ul style="list-style-type: none"> <li>-20 to 70°C</li> </ul>
<b>Humidity</b>	<ul style="list-style-type: none"> <li>10 to 90% RH (non-condensing)</li> </ul>
<b>Reliability</b>	<ul style="list-style-type: none"> <li>MTBF: 100,000 hrs. @25°C</li> </ul>
<b>Regulatory Compliance</b>	<ul style="list-style-type: none"> <li>IEEE 802.3af (PoE), IEEE 802.3at (PoE+)</li> <li>RoHS Compliant, CE, FCC</li> <li>FCC Class B, CE</li> </ul>

## Ordering Information

**PSE-200GT : 1-Port Gigabit 802.3at High-Power PoE Injector (30Watt output power)**

*\* Product specification subject to change without notice.*