

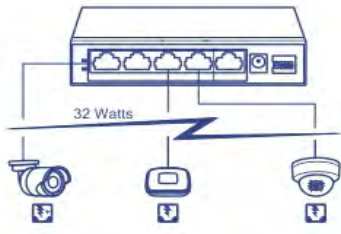


5-Port Gigabit Long Range PoE+ Switch

TPE-LG50 (v1.0R)

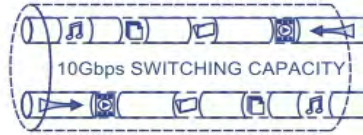
- Easy installation
- 4 x Gigabit PoE+ ports and 1 x Gigabit ports
- Enable the DIP switch to extend PoE+ signal up to 200m (656 ft.) at 10Mbps
- DIP switch supports VLAN port isolation and QoS
- 10Gbps switching capacity
- 32W PoE budget
- Wall mountable design
- Sturdy metal switch
- Use with TRENDnet's PoE splitter to network and power non-PoE devices

The 5-Port Gigabit Long Range PoE+ Switch, model TPE-LG50, delivers data and power over existing Ethernet cables to Power over Ethernet (PoE) devices such as access points, VoIP phones, and IP Cameras. It supports both PoE (802.3af) and PoE+ (802.3at) devices with a 32W PoE budget. Enable the DIP switch to extend the PoE+ signal up to 200m (656 ft.) at 10Mbps for long distance PoE installations. Plug and play this sturdy metal switch for reliable high speed PoE networking. Its fanless design is perfect for quiet environments that require silent operation.



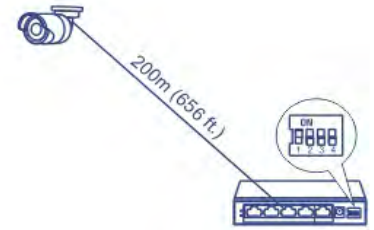
PoE+ Power

A 32W PoE power budget supports up to four Power over Ethernet devices.



Gigabit

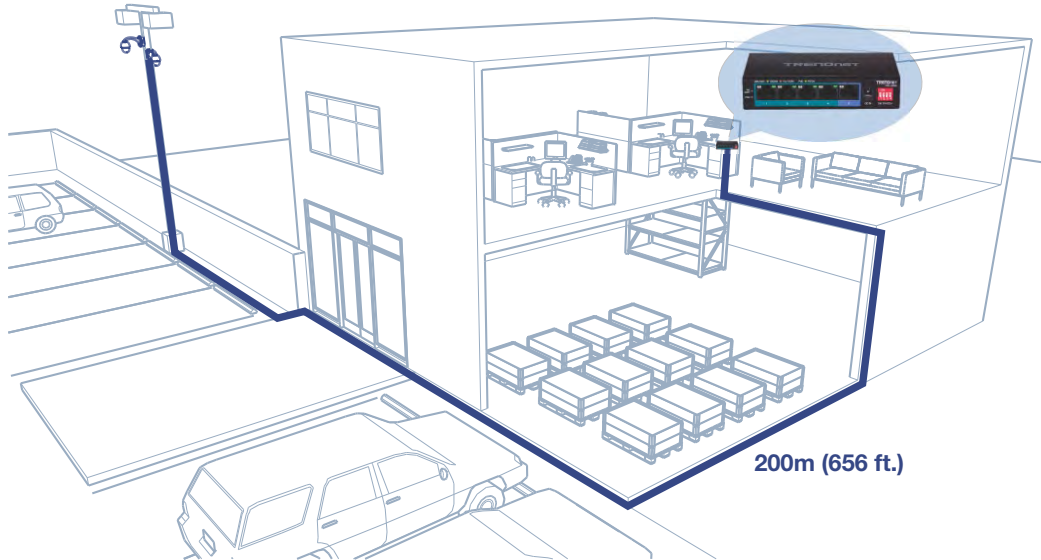
Five Gigabit ports provide a 10Gbps switching capacity to support edge network installations.



Long Range PoE+ Switch

Enable the DIP switch to extend PoE+ signal up to 200m (656 ft.) at 10Mbps.

Networking Solution



PoE+

Supplies up to 30W of PoE+ power per PoE port with a 32W power budget



Switching Capacity

10Gbps switching capacity



LED Indicators

LED indicators convey PoE and port status



Ports

Four Gigabit PoE+ ports and one Gigabit ports



Housing

Wall mountable metal housing



Long Range PoE+

Enable the DIP switch to extend the PoE+ signal up to 200m (656 ft.) for long distance PoE installations



Port Isolation

Ideal for surveillance networking applications, the DIP switch also enables port isolation on ports 1 – 4

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3 • IEEE 802.3u • IEEE 802.3ab • IEEE 802.3x • IEEE 802.3p • IEEE 802.3af • IEEE 802.3at 																							
Device Interface	<ul style="list-style-type: none"> • 4 x Gigabit PoE+ ports • 1 x Gigabit port • DIP switch • LED indicators 																							
Data Transfer Rate	<ul style="list-style-type: none"> • Ethernet: 10Mbps (half duplex), 20Mbps (full duplex) • Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex) • Gigabit Ethernet: 2000Mbps (full duplex) 																							
Performance	<ul style="list-style-type: none"> • Switch Fabric: 10Gbps • RAM Buffer: 128KB • MAC Address Table: 2K entries • Jumbo Frames: 9KB • Forwarding rate: 7.44Mpps (64-byte packet size) 																							
Special Features	<ul style="list-style-type: none"> • Long range PoE+ up to 200m at 10Mbps • VLAN port isolation • 802.1p Class of Service (CoS) • Wall mountable 																							
DIP Switch	<table border="1"> <thead> <tr> <th>Switch</th> <th>Status</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td rowspan="2">1</td> <td>OFF</td> <td>Ports 1 & 2: Default gigabit PoE+</td> </tr> <tr> <td>ON</td> <td>Ports 1 & 2: Long range PoE+ up to 200m at 10Mbps</td> </tr> <tr> <td rowspan="2">2</td> <td>OFF</td> <td>Ports 3 & 4: Default gigabit PoE+</td> </tr> <tr> <td>ON</td> <td>Ports 3 & 4: Long range PoE+ up to 200m at 10Mbps</td> </tr> <tr> <td rowspan="2">3</td> <td>OFF</td> <td>VLAN port isolation disabled</td> </tr> <tr> <td>ON</td> <td>VLAN port isolation on ports 1-4</td> </tr> <tr> <td rowspan="2">4</td> <td>OFF</td> <td>QoS disabled</td> </tr> <tr> <td>ON</td> <td>QoS Enabled: Video & Voice – High Priority</td> </tr> </tbody> </table>	Switch	Status	Function	1	OFF	Ports 1 & 2: Default gigabit PoE+	ON	Ports 1 & 2: Long range PoE+ up to 200m at 10Mbps	2	OFF	Ports 3 & 4: Default gigabit PoE+	ON	Ports 3 & 4: Long range PoE+ up to 200m at 10Mbps	3	OFF	VLAN port isolation disabled	ON	VLAN port isolation on ports 1-4	4	OFF	QoS disabled	ON	QoS Enabled: Video & Voice – High Priority
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Power	<ul style="list-style-type: none"> • Input: 100 – 240 V AC, 50/60Hz, 1.2A • Output: 54V DC, 0.7A external power adapter • Max. consumption: 36.3W
PoE	<ul style="list-style-type: none"> • PoE budget: 32W • PoE Mode A: Pins 1,2 for power and pins 3,6 for power
Operating Temperature	<ul style="list-style-type: none"> • 0° – 40 °C (32° – 104 °F)
Operating Humidity	<ul style="list-style-type: none"> • Max. 90% non-condensing
Dimensions	<ul style="list-style-type: none"> • 121 x 75 x 26mm (4.76 x 2.95 x 1 in.)
Weight	<ul style="list-style-type: none"> • 246g (8.68 oz.)
Certifications	<ul style="list-style-type: none"> • CE • FCC
Warranty	<ul style="list-style-type: none"> • Lifetime Warranty*

PACKAGE CONTENTS

- TPE-LG50
- Quick Installation Guide
- Power adapter (54V DC, 0.7A)

TRENDnet offers a lifetime warranty for all of its metal-enclosed network switches that have been purchased in the United States/Canada on or after 1/1/2015. Cooling fan and internal power supply carry a one-year warranty.

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.