

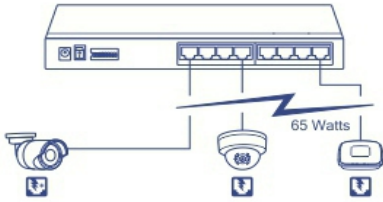


8-Port Gigabit Long Range PoE+ Switch

TPE-LG80 (v1.0R)

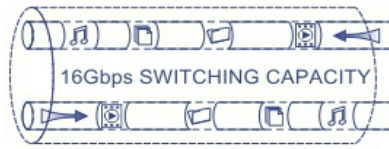
- Easy installation
- 8 x Gigabit PoE+ ports
- Enable the DIP switch to extend PoE+ signal up to 200m (656 ft.) at 10Mbps
- DIP switch supports VLAN port isolation and QoS
- 16Gbps switching capacity
- 65W PoE budget
- Wall mountable design
- Sturdy metal switch
- Use with TRENDnet's PoE splitter to network and power non-PoE devices

The 8-Port Gigabit Long Range PoE+ Switch, model TPE-LG80, delivers data and power over Ethernet cables to PoE devices such as access points, VoIP phones, and IP cameras. It supports both PoE and PoE+ devices with a 65W PoE power 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.



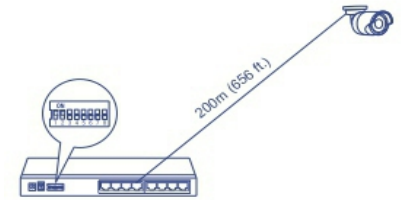
PoE+ Power

A 65W PoE power budget supports up to eight Power over Ethernet devices.



Gigabit

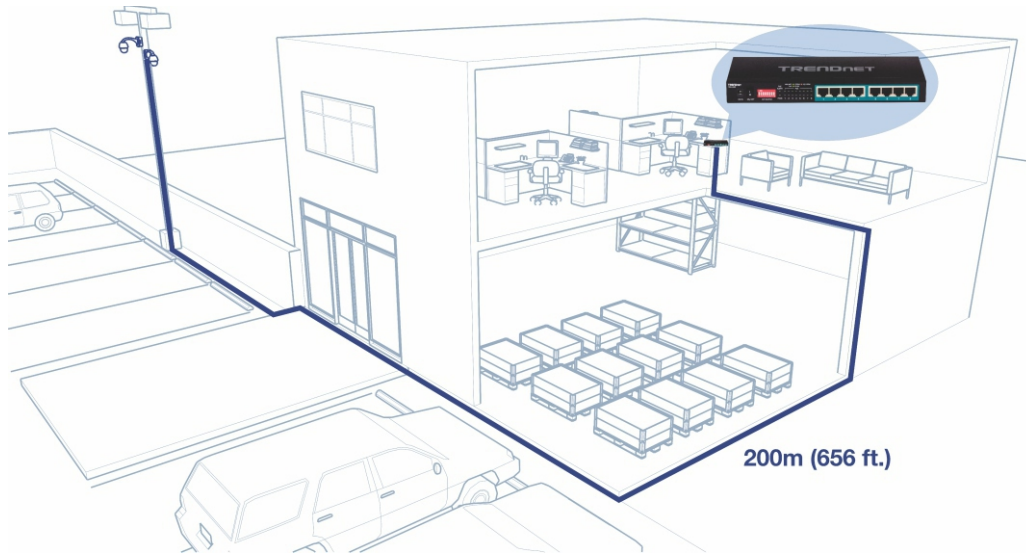
Eight gigabit ports provide a 16Gbps switching capacity to support edge network installations.



Long Range PoE+ Switch

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

Networking Solution



PoE+

Supplies up to 30W of PoE+ power per PoE port with a 65W total power budget



Switching Capacity

16Gbps switching capacity



LED Indicators

LED indicators convey PoE and port status



Ports

Eight gigabit PoE+ ports



Housing

Wall mountable metal housing



Long Range PoE+ Switch

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

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 • IEEE 802.3az 																																											
Device Interface	<ul style="list-style-type: none"> • 8 x Gigabit PoE+ ports • LED indicators • DIP switch 																																											
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: 16Gbps • RAM Buffer: 192KB • MAC Address Table: 4K entries • Jumbo Frames: 9KB • Forwarding rate: 11.9Mpps (64-byte packet size) 																																											
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> <tr> <td rowspan="2">5</td> <td>OFF</td> <td>Port 5: Default gigabit PoE+</td> </tr> <tr> <td>ON</td> <td>Port 5: Long range PoE+ up to 200m at 10Mbps</td> </tr> <tr> <td rowspan="2">6</td> <td>OFF</td> <td>Port 6: Default gigabit PoE+</td> </tr> <tr> <td>ON</td> <td>Port 6: Long range PoE+ up to 200m at 10Mbps</td> </tr> <tr> <td rowspan="2">7</td> <td>OFF</td> <td>Port 7: Default gigabit PoE+</td> </tr> <tr> <td>ON</td> <td>Port 7: Long range PoE+ up to 200m at 10Mbps</td> </tr> <tr> <td rowspan="2">8</td> <td>OFF</td> <td>VLAN port isolation disabled</td> </tr> <tr> <td>ON</td> <td>VLAN port isolation on ports 5-7</td> </tr> </tbody> </table> <p>*DIP Switch 3 & 8 cannot be enabled at the same time</p>	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	5	OFF	Port 5: Default gigabit PoE+	ON	Port 5: Long range PoE+ up to 200m at 10Mbps	6	OFF	Port 6: Default gigabit PoE+	ON	Port 6: Long range PoE+ up to 200m at 10Mbps	7	OFF	Port 7: Default gigabit PoE+	ON	Port 7: Long range PoE+ up to 200m at 10Mbps	8	OFF	VLAN port isolation disabled	ON	VLAN port isolation on ports 5-7
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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
Power	<ul style="list-style-type: none"> • Input: 100 – 240 V AC, 50/60Hz, 2.5A • Output: 55V DC, 1.3A external power adapter • Max. consumption: 70.6W
PoE	<ul style="list-style-type: none"> • PoE budget: 65 Watts • 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"> • 240 x 105 x 27mm (9.45 x 4.13 x 1.1 in.)
Weight	<ul style="list-style-type: none"> • 592g (20.9 oz.)
Certifications	<ul style="list-style-type: none"> • CE • FCC
Warranty	<ul style="list-style-type: none"> • 3 years

PACKAGE CONTENTS

- TPE-LG80
- Quick Installation Guide
- Power brick (55V DC, 1.3A)
- Power cord (1.8m/6 ft.)

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.

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