



5-Port 2.5G PoE++ Switch

TPE-BG350 (V1)

- 4 x 2.5G RJ45 PoE++ ports
- 1 x 2.5G RJ45 port
- 135W PoE power budget
- 25Gbps switching capacity
- Compatible with existing Cat5e or better cabling
- Fanless design
- IEEE 802.3bz (2.5Gbps) and IEEE 802.3af/at/bt PoE++ compliant
- Supports 802.1Q VLAN passthrough and 802.1p QoS passthrough
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's 5-Port 2.5G PoE++ Switch, model TPE-BG350, is equipped with five 2.5G RJ45 ports that provide multi-gigabit speeds capable of up to 2.5Gbps over your existing Cat5e cabling. A 135W total PoE power budget on this multi-gig PoE++ switch supplies up to four PoE devices with up to 95W per port. This 2.5G PoE++ switch features a durable metal enclosure and can be mounted to the wall for installation flexibility. The fanless, passive cooling design reduces operating noise.



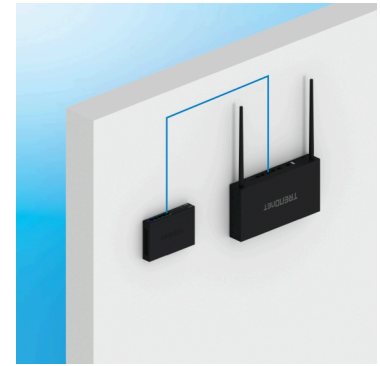
2.5G Ports

Equipped with 2.5G RJ45 ports that provide multi-gigabit speeds capable of up to 2.5Gbps over existing Cat5e cabling.



PoE++

A 135W total PoE power budget supplies up to four PoE devices with up to 95W per port.



Wall Mountable

The 2.5G PoE++ switch features a sturdy metal housing, and a convenient wallmountable design for installation flexibility.

FEATURES



2.5G Ports

Equipped with 2.5G RJ45 ports, this switch provides higher than gigabit speeds over existing Cat5e cabling



PoE++

A 135W total PoE power budget supplies up to four PoE devices with up to 95W per port



Passive Cooling

Fanless design eliminates operating noise



Housing Design

Sturdy metal housing features a convenient wall mount design for installation flexibility



Jumbo Frame

Sends larger packets, or Jumbo Frames (up to 10KB), for increased performance



Switching Capacity

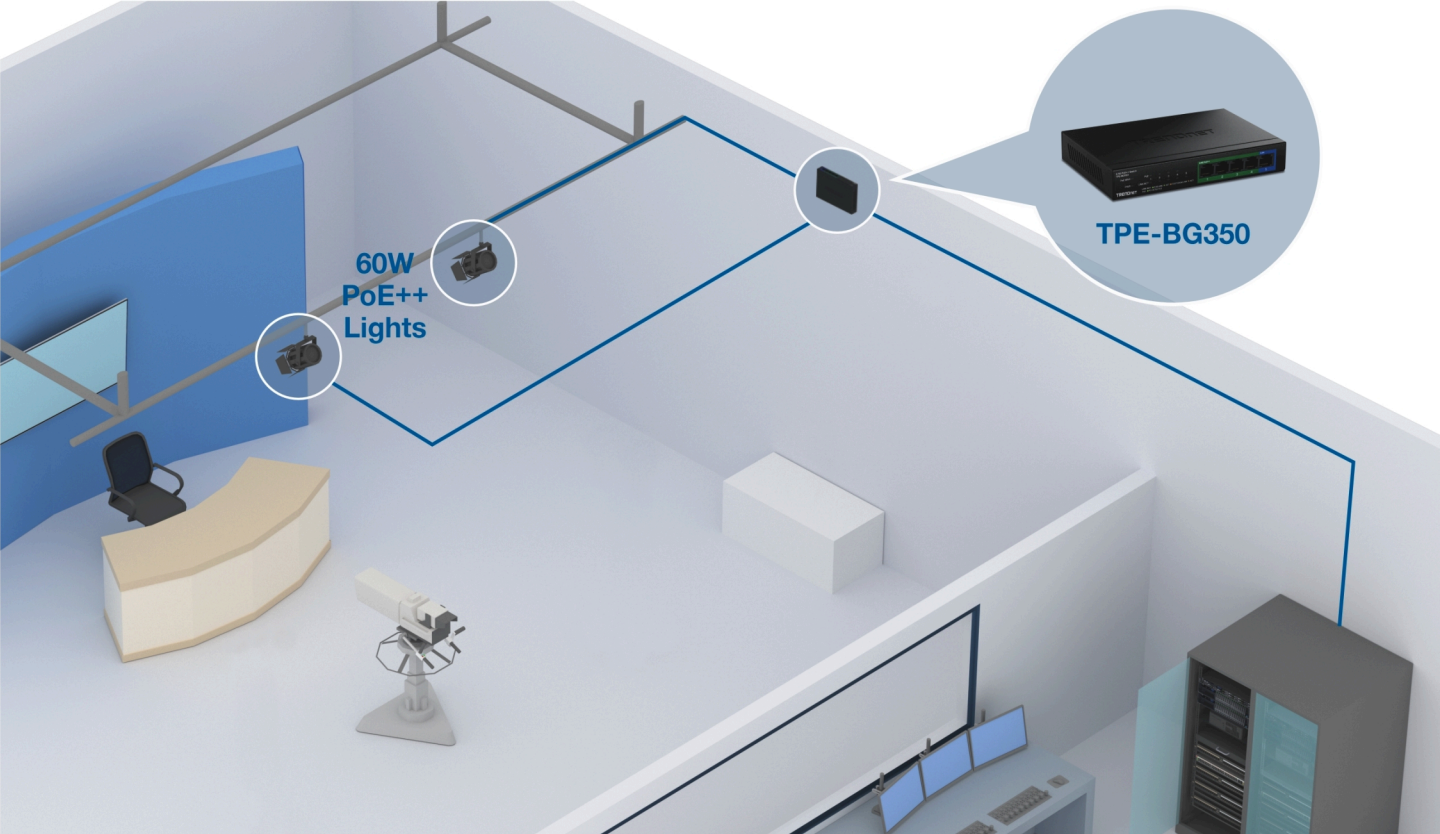
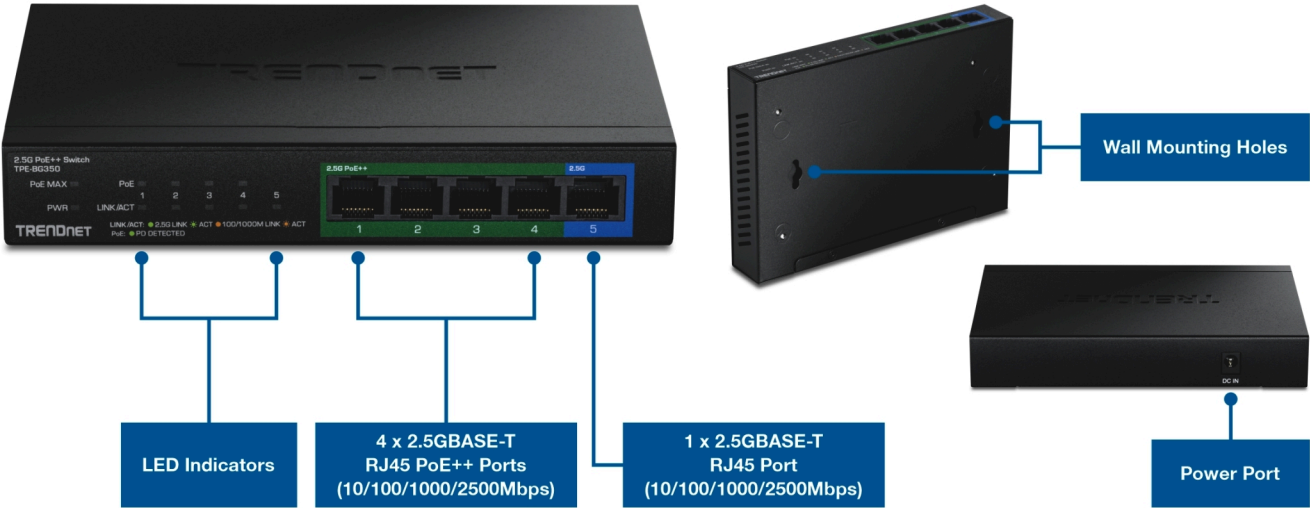
25Gbps switching capacity



LED Indicators

LED indicators on the 2.5G PoE++ switch display port status

NETWORKING SOLUTION



SPECIFICATIONS

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab
- IEEE 802.3af
- IEEE 802.3at
- IEEE 802.3bt
- IEEE 802.3bz

Device Interface

- 4 x 2.5GBASE-T RJ45 PoE++ ports (10/100/1000/2500Mbps)
- 1 x 2.5GBASE-T RJ45 port (10/100/1000/2500Mbps)
- LED indicators

Performance

- Switch Capacity: 25Gbps
- RAM Buffer: 1MB
- MAC Address Table: 4K entries
- Jumbo Frames: 10 KB
- Forwarding Rate: 18.6Mpps (64-byte packet size)

Power

- Input: 100-240V AC, 50/60Hz, 2.5A
- Output: 55V/2.73A DC
- Max. consumption: 5.45W (no PoE load) / 140.45W (full PoE load)

Special Features

- 802.1Q VLAN tag passthrough
- 802.1p QoS CoS tag passthrough
- Wall mountable

PoE

- PoE++ up to 95W
- PoE budget: 135W
- Pins 1,3,4,7 (-); 2,5,6,8 (+)

Fan/Acoustics

- Fanless design

MTBF

- 907,832 hours

Operating Temperature

- 0° – 40° C (32° – 104° F)

Operating Humidity

- Max. 90% non-condensing

Dimensions

- 160 x 110 x 26mm (6.29 x 4.33 x 1.02 in.)

Weight

- 424g (14.95 oz.)

Certifications

- CE
- FCC
- LVD

Warranty

- Lifetime Warranty

Package Contents

- TPE-BG350
- Power brick (54V, 2.78A)
- Power cord (1.5m / 5 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.

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.