

10-Port 10G Unmanaged Switch

TEG-S7102 (v1.xR)

- 8 x 10G RJ-45 ports
- 2 x 10G SFP+ ports
- Smart fan design eliminates noise
- Rackmount design
- 200Gbps switching capacity
- IEEE 802.3ae (SFP+) and IEEE 802.3an (RJ-45) compliant
- Supports 802.1Q VLAN passthrough and 802.1p QoS passthrough
- Lifetime Warranty

Expand your network's bandwidth and reduce traffic bottlenecks with TRENDnet's Unmanaged 10G Switches. This 10G switch comes equipped with eight 10GBASE-T RJ-45 ports that provide speeds capable of up to 10Gbps over your existing Cat6A or better cabling. The 10G switch also offers two dedicated 10G SFP+ slots for high-speed network connections, providing a cost-effective solution in adding 10G link capability to an SMB network. The smart fan design lowers energy consumption and eliminates distracting operating noise. TRENDnet's reliable 10G switches are cost-effective solutions to increase your network's throughput.



10G Ports

Offers eight 10G ports, and two 10G SFP+ ports for high-speed network uplinks or downlink connections for a cost-effective solution in adding 10G link capability.



Smart Fan

The smart fan design lowers power consumption and energy costs, and eliminates distracting operating noise.

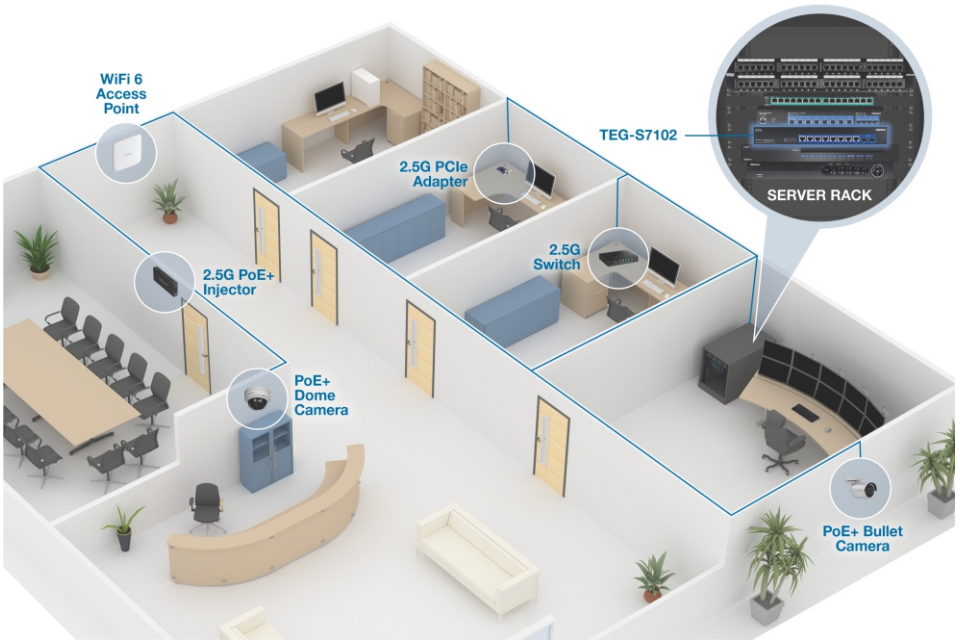


Jumbo Frame

Sends larger packets, or Jumbo Frames (up to 12KB), for increased performance.

NETWORKING SOLUTION





FEATURES

Easy Installation
No configuration needed, simply connect network devices to the 10G switch

10G Ports
Equipped with 10GBASE-T RJ-45 ports that provide speeds capable of up to 10Gbps over existing Cat6A or better cabling

10G SFP+ Ports
The 10Gb switch features 10G SFP+ ports for high-speed network connections providing a costeffective solution in adding 10G fiber link capability

Smart Fan
Smart fan design lowers energy consumption and eliminates distracting operating noise

Housing Design
Sturdy metal housing

Jumbo Frame
Sends larger packets, or Jumbo Frames (up to 12KB), for increased performance

LED Indicators
LED indicators on this 10Gb switch conveys port status

SPECIFICATIONS

Standards
- IEEE 802.3ab
- IEEE 802.3ae
- IEEE 802.3an
- IEEE 802.3az
- IEEE 802.3bz
- IEEE 802.1x

Device Interface
- 8 x 10G ports (1Gbps/2.5Gbps/10Gbps)
- 2 x 10G SFP+ ports (1Gbps/10Gbps)
- LED indicators

Data Transfer Rate
- Gigabit Ethernet: 2000Mbps (full duplex)
- 2.5G Ethernet: 5Gbps (full duplex)
- 10 Gigabit Ethernet: 20Gbps (full duplex)
- 10G SFP+: 20Gbps (full duplex)

Special Features
- 802.1Q VLAN tag passthrough
- 802.1p QoS CoS tag passthrough

Performance
- Switch fabric: 200Gbps
- RAM buffer: 2MB
- MAC address table: 32K entries
- Jumbo frames: 12KB
- Forwarding mode: Store and forward
- Forwarding rate: 148.8Mpps (64-byte packet size)

Power
- Input: 90 – 264V AC, 47/63 Hz. Internal power supply
- Max. consumption: 40W

MTBF
- 151,765 hours

Fan / Acoustics
- Quantity: 1
- Max. noise level: 47dBA

Operating Temperature
- 0° – 40° C (32° – 104° F)

Operating Humidity
- Max. 90% non-condensing

Dimensions
- 330 x 230 x 44mm (13 x 9 x 1.73 in.)

Weight
- 2.54 kg (5.6 lbs.)

Certifications
- CE
- FCC
- LVD
- ETL

Warranty
- Lifetime Warranty

Package Contents
- TEG-S7102
- Quick Installation Guide
- Power cord (1.5m / 4.9ft.)
- Rackmount kit

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.

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