24-Port 10/100 Mbps 400 Watt AV PoE+ Switch with 2 x Shared Gigabit and SFP Slots

TPE-1026L (v1.0R)

- 24 x PoE+ Ethernet ports
- 2 x Gigabit SFP shared ports
- 400 Watt power budget
- 8.8 Gbps switching capacity
- Rack mount brackets included
- Rear panel ports for easy network integration with your AV rack
- Convenient front-panel 4-digit seven-segment LED display
- Limited Lifetime Warranty*

TRENDnet's 26 Port Gigabit 400 Watt AV PoE+ Switch, model TPE-1026L, offers 24 x Gigabit PoE+ ports and 2 x SFP slots, with a total Power budget of 400 Watts. View total power, available power, and power-per-port with a convenient front-panel 4-digit seven-segment LED display. Ports conveniently located in the back for improved cable management.

Hardware Design
Rear panel Ethernet ports and front panel LEDs easily integrate with your existing Audio & Video (AV) rack solution.

7-Segment LED Display
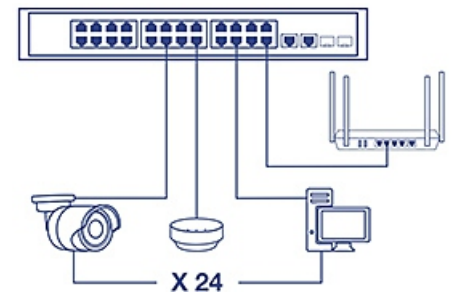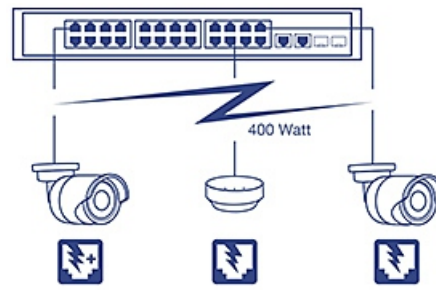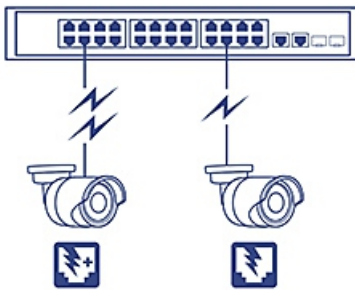View total power, available power, and power-per-port

Power Budget
Up to 400 Watts PoE+

Rack Mountable
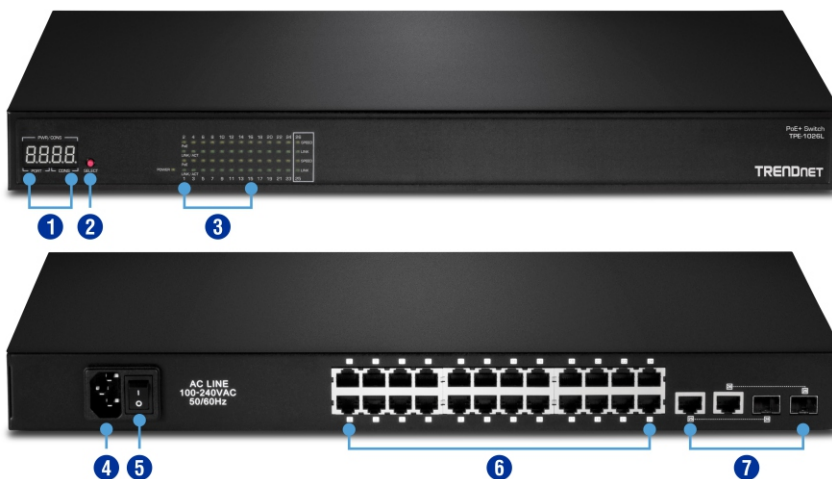Standard 19" 1U design (brackets included)

PoE Camera Flexibility
The switch recognizes non-PoE, PoE (15.4 Watts), and PoE+ (30 Watts) cameras (or other PoE devices) and supplies the required amount of power automatically.

PoE Power
A 400 Watt PoE power budget supplies up to twenty-four Power over Ethernet devices with PoE power.

Ethernet Networking
Twenty-four 10/100 Mbps Ethernet ports produce a 8.8 Gbps switching capacity to support edge network installations.

❶ Seven segment display

❷ Selection button

❸ LED indicators

❹ Power port

❺ On / off Switch

❻ PoE+ Ethernet ports

❼ Gigabit SFP shared ports

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AV Switches: Sample Applications

Application 1: Restaurants and Bars

In most business environment's, TRENDnet's AV switches will serve a dual purpose. The switches allow business owners to simultaneously manage AV equipment, IP surveillance cameras, and wireless access points.

Application 2: Homes with Multi-Room AV

TRENDnet AV Series Switches easily expands a home's existing wired network for high bandwidth devices, especially those devices dedicated to multimedia sharing and home security.

Application 3: NVR and AV Switches Solution

With both sets of ports on the back, TRENDnet AV Series Switches are ideal for use with TRENDnet NVRs. The AV switches are equipped to provide all the power needed to run several TRENDnet surveillance cameras simultaneously.

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Specifications

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3z
- IEEE 802.3ab
- IEEE 802.3af
- IEEE 802.3at

Device Interface
- 24 x 10/100 Ethernet ports
- 2 x Shared Gigabit SFP ports
- LED indicators
- 4-Digit Seven-Segment LED Display

Data Transfer Rate
- Ethernet: 10 Mbps (half-duplex), 20 Mbps (full-duplex)
- Fast Ethernet: 100 Mbps (half-duplex), 200 Mbps (full-duplex)

Performance
- Broadcast storm control
- Data RAM Buffer: 400 KB
- Switch Fabric: 8.8 Gbps
- MAC Address Table: 4 K entries
- Forwarding rate: 6.5 Mpps (64-byte packet size)

Power
- Input: 110 – 240 V AC, 50/60 Hz
- Consumption: 7 Watts (Max. without PD)

PoE
- PoE overall budget: 400 Watts
- PoE budget per port: 30 Watts
- Pin 3,6 for power+ and pin 1,2 for power- (mode A)
- Over current protection
- Short circuit protection

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

Operating Humidity
- Max. 90% non-condensing

Dimensions
- 440 x 280 x 44 mm (17.3 x 11 x 1.7 in.)

Weight
- 3.5 kg (7.7 lbs.)

Certifications
- CE
- FCC
- UL

Warranty
- Limited Lifetime Warranty*

Package Contents
- TPE-1026L
- Quick Installation Guide
- Rack mount kit
- Power cord

TRENDnet offers a limited 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.