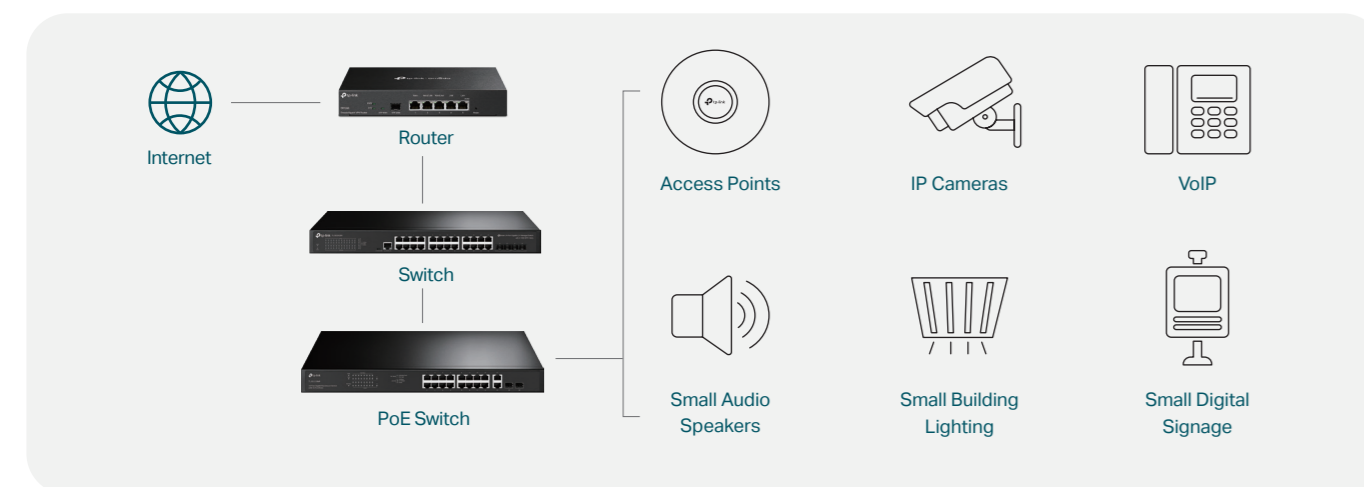## Gigabit Switching Solutions for Growing SMBs

### ❯ TP-Link Gigabit PoE Switches—Unmanaged and Easy Smart

TP-Link's Unmanaged and Easy Smart PoE Switches offer more efficient and cost-effective solutions to meet the various needs of access points, surveillance, VoIP, and other applications. Robust features like Extend Mode, Priority Mode, Isolation Mode, and PoE Auto Recovery are inserted into some unmanaged switches. Advanced useful functions, such as QoS and VLAN, are integrated into Easy Smart Switches, providing a PoE solution more than expected.



Internet — Router — Switch — PoE Switch

Access Points | IP Cameras | VoIP
Small Audio Speakers | Small Building Lighting | Small Digital Signage

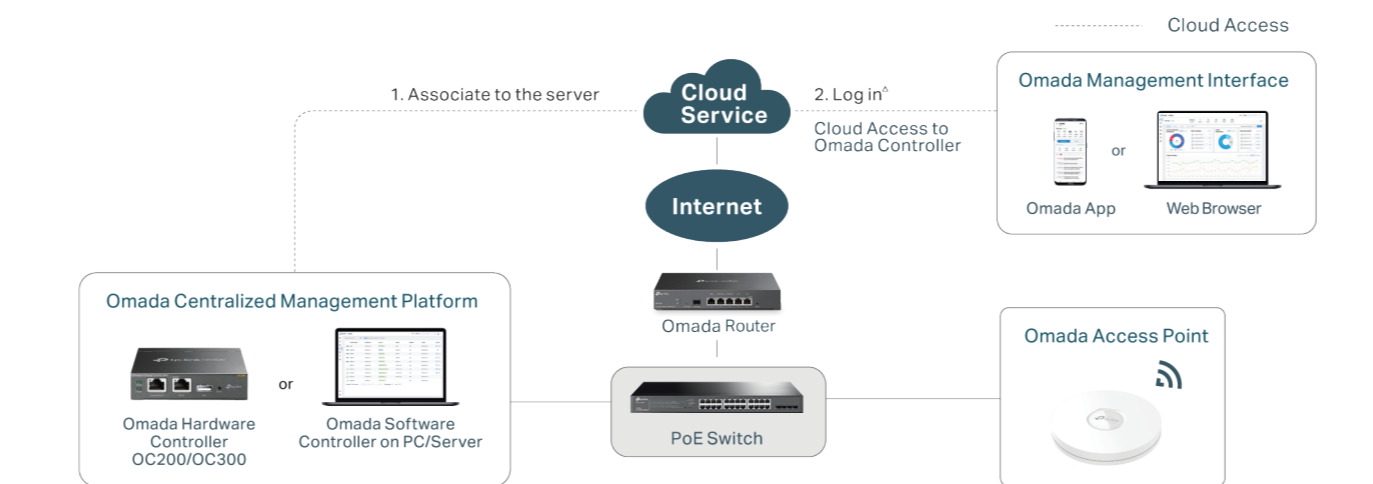VLAN | QoS | IGMP Snooping | PoE Auto Recovery | Easy to Use | Energy Efficient

| Layer | PoE Ports | Non-PoE Ports | Model | PoE Budget[‡] ( w ) | PoE Standard | Extend Mode[†], Priority Mode, Isolation Mode, PoE Auto Recovery | Fanless Design | Deployment | Dimension ( mm ) |
|---|---|---|---|---|---|---|---|---|---|
| Unmanaged | 4GE | 1GE | TL-SG1005LP v1 | 40 | 802.3af/at | - | • | Desktop Wall Mounting | 99.8×98×25 |
| | | | TL-SG1005P v2 | 65 | 802.3af/at | - | • | Desktop Wall Mounting | 99.8×98×25 |
| | | 4GE | TL-SG1008P v4 | 64 | 802.3af/at | - | • | Desktop Wall Mounting | 171×98×27 |
| | 8GE | / | TL-SG1008MP v2 | 153 | 802.3af/at | - | - | Desktop Rackmount | 294×180×44 |
| | | 1GE+1SFP | TL-SG1210P v1 | 63 | 802.3af/at | - | • | Desktop Wall Mounting | 209×126×26 |
| | | 1GE+1Combo | TL-SG1210MP v2 | 123 | 802.3af/at | •Extend Mode: Ports 1–4 •Priority Mode: Ports 1–2 •Isolation Mode: Ports 1–4 / 5–8 •PoE Auto Recovery: Ports 1–8 | • | Desktop Wall Mounting | 209×126×26 |
| | 16GE | 2Combo | TL-SG1218MP v1 | 250 | 802.3af/at | - | - | Rackmount | 440×180×44 |
| Easy Smart | 4GE | 1GE | TL-SG105PE v1 | 65 | 802.3af/at | Extend Mode achieves long-distance transmission by limiting the maximum port speed to 10 Mbps. | • | Desktop Wall Mounting | 99.8×98×25 |
| | | 4GE | TL-SG108PE v4 | 64 | 802.3af/at | | • | Desktop Wall Mounting | 158×101×25 |
| | 8GE | 1GE+1Combo | TL-SG1210MPE v2 | 123 | 802.3af/at | Priority and Isolation Mode can be realized through QoS and VLAN functions. | • | Desktop Wall Mounting | 209×126×26 |
| | | 8GE | TL-SG1016PE v2 | 150 | 802.3af/at | | - | Desktop Rackmount | 294×180×44 |
| | 16GE | 2Combo | TL-SG1218MPE v2 | 250 | 802.3af/at | PoE Auto Recovery can be configured on management interface. | - | Rackmount | 440×180×44 |
| | 24GE | 2GE+2SFP | TL-SG1428PE v1 | 250 | 802.3af/at | | - | Rackmount | 440×220×44 |

## The Smarter Cloud Solutions for Business Networking

### ❯ TP-Link L2+ Managed/ Smart PoE Switches—SDN Integration

Managed switches integrating Omada SDN (Software Defined Networking) provide 100% centralized management to create highly scalable networks. Seamless wireless and wired connections are provided—ideal for hospitality, education, retail, office, and more.



Cloud Access
1. Associate to the server
Cloud Service
2. Log in[^] Cloud Access to Omada Controller
Omada Management Interface
Omada App  or  Web Browser
Internet
Omada Centralized Management Platform
Omada Hardware Controller OC200/OC300  or  Omada Software Controller on PC/Server
Omada Router
PoE Switch
Omada Access Point

Cloud Centralized Management** | Zero-Touch Provisioning* | Easy Network Monitoring | 2.5/10 GE for Wi-Fi 6[§] | Multi-Site Management** | Omada App**

| Layer | PoE Ports | Non-PoE Ports | Model | PoE Budget[‡] ( w ) | PoE Standard | PoE Auto Recovery*** | SDN | Deployment | Dimension ( mm ) |
|---|---|---|---|---|---|---|---|---|---|
| Smart | 24FE | 2GE×2Combo | TL-SL2428P v4.2 | 250 | 802.3af/at | √ | √ | Rackmount | 440×180×44 |
| | 4GE | 4GE | TL-SG2008P | 62 | 802.3af/at | √ | √ | Desktop Wall Mounting | 209×126×26 |
| | 8GE | 2SFP | TL-SG2210P v4 | 61 | 802.3af/at | √ | √ | Desktop Wall Mounting | 209×126×26 |
| | | | TL-SG2210MP | 150 | 802.3af/at | √ | √ | Desktop Rackmount | 294×180×44 |
| | 24GE | 4SFP | TL-SG2428P | 250 | 802.3af/at | √ | √ | Rackmount | 440×220×44 |
| L2+ Managed | 24GE | 4SFP | TL-SG3428MP | 384 | 802.3af/at | √ | √ | Rackmount | 440×330×44 |
| | 48GE | 4SFP | TL-SG3452P | 384 | 802.3af/at | √ | √ | Rackmount | 440×330×44 |
| | 24GE | 4SFP+ | TL-SG3428XMP | 384 | 802.3af/at | √ | √ | Rackmount | 440×330×44 |
| | 48GE | 4SFP+ | TL-SG3452XP | 500 ( TBD ) | 802.3af/at | √ | √ | Rackmount | 440×330×44 |
| | 8× 2.5G | 2SFP+ | TL-SG3210XHP-M2 | 240 | 802.3af/at | √ | √ | Rackmount | 440×180×44 |
| | 4× 10G | 2SFP+ | TL-SX3206HPP | 200 ( TBD ) | 802.3af/at/bt | √ | √ | Desktop Rackmount | 294×180×44 |

[†]The speed of the ports in extend mode will be downgraded to 10 Mbps. Actual transmission distance may vary due to cable quality.
[‡]PoE budget calculations are based on laboratory testing. Actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.
[§]Not all PoE Switches support this feature. Please refer to the comparison table for details.
[^]Please go to https://omada.tplinkcloud.com to log in with your TP-Link ID.
*Zero-Touch Provisioning requires the use of Omada Cloud-Based Controller.
 Please go to www.tp-link.com/omada-cloud-based-controller/product-list to confirm which models are compatible with Omada Cloud-Based Controller.
**These functions require the use of Omada Controllers.
***Under Controller Mode, use of the feature may require further software upgrades.

PN: 8392501106

Discover More about TP-Link PoE Switches



# tp-link
# JetStream PoE Switches

## Empowering Your Business Growth
### Surveillance | Access Points | and More

# Power Over Ethernet

TP-Link offers a variety of single-cable PoE switches that simultaneously transmit electrical power along with data. A wide range of 100 Mbps, gigabit, and multi-gigabit PoE products are offered to meet either 802.af PoE, 802.3at PoE+, or 802.3bt PoE++ standard for powering network devices. With PoE, installation of network devices such as APs, IP cameras, IP phones, and other PoE enabled devices in hard-to-reach outdoor, and remote areas is simplified.

NVR

Data

Power

PoE Network Switch                    IP Camera

## ❯ Multiple Application Scenarios

**Surveillance**
Works with IP Cameras

**Conference Calls**
Works with IP Phones

**Wi-Fi Coverage**
Works with Access Points

**Wired Connections**
Works with PCs and Printers

## ❯ Why Do You Need PoE?

**No Fuss**
Simplify the installation and streamline the deployment—no need for electricians.

**Cost-Efficiency**
No need for additional cables and power adapters—reduce costs on infrastructure.

**Flexibility**
More placement options allow for deployment in complex environments.

**Power Management**
Intelligently protects your devices from power surges and maximize power usages.

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## ❯ What Can You Power with PoE Switches?

**PoE++ (802.3bt)**
up to 60/90 W per port

- PTZ HD IP Cameras with Heaters
- 802.11ax (Wi-Fi 6) APs
- Smart Building Lighting
- Audio System
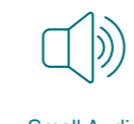- Thin Clients

**PoE+ (802.3at)**
up to 30 W per port

- IP Video Phones
- PTZ HD IP Cameras
- 802.11ac (Wi-Fi 5) APs
- Small Audio Speakers
- Small Digital Signages

**PoE (802.3af)**
up to 15.4 W per port

- IP Phones
- Basic IP Cameras
- 802.11n APs

## ❯ Why Choose TP-Link PoE Switches?

**250 m PoE Transmission**

With Extend Mode, PoE supports data and power transmissions up to 250 m away—perfect for surveillance camera deployment in large areas.

**One-Click Priority Mode**

Guarantees the quality of sensitive applications like video monitoring in critical business areas by prioritizing the data of certain ports.

**One-Click Traffic Separation**

Isolation Mode easily divides traffic for downlink ports to avoid snooping and tampering and isolates broadcast storm for higher security and performance.

**PoE Auto Recovery**

Automatically detects and reboots dropped or unresponsive PoE-powered devices to reduce the possibility of downtime. And it saves maintenance costs by eliminating manual monitoring and reboot, important for the hard-to-reach devices.
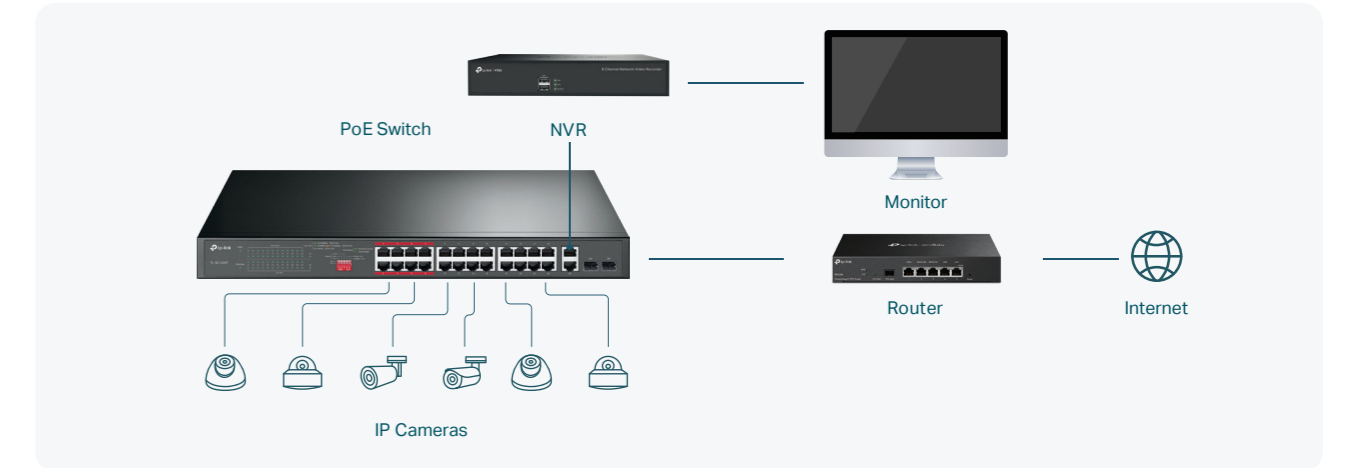
**Cloud Centralized Management**

Managed PoE Switches integrated Omada SDN provide 100% centralized cloud management to create a highly scalable networks—all controlled from a single interface anywhere, anytime.

**2.5/10 GE for Wi-Fi 6**

Premium 10G/multi-gigabit PoE switches are provided to meet the full bandwidth potential of Wi-Fi 6 access points. PoE, PoE+, and PoE++ are also supported to fully power up your Wi-Fi 6 APs.

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# Affordable Solutions Designed for Surveillance

## ❯ TP-Link 100 Mbps PoE Switches

TP-Link's 100 Mbps PoE Switch series is designed to address specific SMB surveillance needs and satisfy the demands of most IP cameras. Many robust features like Extend Mode, Priority Mode, Isolation Mode, and PoE Auto Recovery provide value well beyond basic networking needs, creating a versatile and reliable surveillance network to grow your business.

PoE Switch    NVR

Monitor

Router    Internet

IP Cameras

**250 m PoE Transmission[†]** | **Port Prioritization** | **One-Click Traffic Separation** | **PoE Auto Recovery** | **Silent Operation** | **Energy Efficient**

| Layer | PoE Ports | Non-PoE Ports | Model | PoE Budget[‡] ( w ) | PoE Standard | Extend Mode Button[†] | Priority Mode Button | Isolation Mode Button | PoE Auto Recovery | Fanless Design | Deployment | Dimension ( mm ) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unmanaged | 4FE | 1FE | TL-SF1005LP v1 | 41 | 802.3af | Port 1-4 | Ports 1-2 | – | – | • | Desktop Wall Mounting | 99.8×98×25 |
| | | | TL-SF1005P v2 | 67 | 802.3af/at | Ports 1-4 | Ports 1-2 | – | – | • | Desktop Wall Mounting | 99.8×98×25 |
| | | 2FE | TL-SF1006P v1 | 67 | 802.3af/at | Ports 1-4 | Ports 1-2 | – | – | • | Desktop Wall Mounting | 158×101×25 |
| | | 4FE | TL-SF1008LP v1 | 41 | 802.3af | Ports 1-4 | Ports 1-2 | – | – | • | Desktop Wall Mounting | 171×98×27 |
| | | | TL-SF1008P v7 | 66 | 802.3af/at | Ports 1-4 | Ports 1-2 | – | Ports 1-4 | • | Desktop Wall Mounting | 171×98×27 |
| | 8FE | 1FE | TL-SF1009P v1 | 65 | 802.3af/at | Ports 1-4/1-8 | Ports 1-2 | Ports 1-8 | – | • | Desktop Wall Mounting | 171×98×27 |
| | | 2GE + 1SFP | TL-SL1311MP v1 | 124 | 802.3af/at | Ports 1-4/1-8 | – | Ports 1-8 | Ports 1-8 | • | Desktop Wall Mounting | 209×126×26 |
| | 16FE | 1GE + 1Combo | TL-SL1218P v1 | 150 | 802.3af/at | Ports 1-8/9-16 | Ports 1-8 | Ports 1-16 | – | – | Rackmount | 440×180×44 |
| | | 2Combo | TL-SL1218MP v2 | 250 | 802.3af/at | Ports 1-8/9-16 | Ports 1-8 | Ports 1-16 | – | – | Rackmount | 440×180×44 |
| | 24FE | 2Combo | TL-SL1226P v1 | 250 | 802.3af/at | Ports1-8/ 9-16/17-24 | Ports 1-8 | Ports 1-24 | – | – | Rackmount | 440×180×44 |
| Smart | 24FE | 2GE + 2Combo | TL-SL2428P v4.2 | 250 | 802.3af/at | Extend Mode achieves long-distance transmissions by limiting the maximum port speed to 10 Mbps. Priority and Isolation Mode can be accessed through the QoS and VLAN functoins. PoE Auto Recovery can be configured on management interface. | | | | – | Rackmount | 440×220×44 |