

TP-Link Omada SG5452XMPP network switch Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Model: SG5452XMPP

Manufacturer: TP-LINK

EAN: 8885020626483

Product Code: 1561313

R33,306

What This Product Does

Omada SG5452XMPP is a dependable entry-level L3 managed PoE++ switch tailored for the access layer, featuring L3 routing, fast 10 Gbps wired speeds, and stacking options. It boasts a 770W PoE

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budget,* 48× gigabit RJ45 ports (8× PoE++, 40× PoE+), 4× 10 Gbps SFP+ slots, physical stacking ability, and centralized management. Integrated with strong security and extensive management features, the SG5452XMPP offers a reliable networking solution for SMEs, and ISPs.

IEEE 802.3af/at/bt-compliant Power over Ethernet

8× IEEE 802.3af/at/bt-compliant and 40× IEEE 802.3af/at-compliant PoE ports supply up to 770W total power to 802.3af, 802.3at, and 802.3bt devices.* Set up wireless access points, surveillance cameras, IP phones, and other PoE devices quickly and easily, without the hassle and cost of installing power cabling. Perpetual PoE ensures an uninterrupted power supply to connected devices even during switch reboots. Additionally, the switch retains PoE power settings across reboots, thanks to fast PoE functionality.

High-speed Connectivity and Powerful Stacking

48× gigabit RJ45 ports and 4× 10 Gbps SFP+ slots provide up to 176 Gbps switching capacity per unit. Up to 4 units of physical stacking empower the networking structure with built-in redundancy and performance.

Abundant Layer 3 Capabilities

Comes with abundant Layer 3 routing protocols that support a scalable network. Static Routing, RIP, OSPF, DHCP Server, and DHCP Relay are supported.

Highly Available

ERPS (Ethernet Ring Protection Switching) ensures rapid protection and recovery in ring topologies, which is essential for maintaining network uptime in medium business environments.

Enhanced Security Functions

Defend against a range of network threats with ACL support (IPv4 & IPv6), Dynamic ARP Inspection, IEEE 802.1X, MAB, Port Security, and Secure Shell.

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Omada SDN

Integration into the Omada system brings centralized cloud management and a series of management features such as Zero-Touch Provisioning (ZTP).† The Omada Software Defined Networking (SDN) platform integrates network devices, including access points, switches, and routers, providing 100% centralized cloud management—all controlled from a single interface.

Apart from the ability to be centrally managed via the web or the Omada app, SG5452XMPP is also easy to manage via an intuitive web-based Graphical User Interface (GUI) or an industry-standard Command Line Interface (CLI). For both management methods, traffic is protected through SSL or SSH encryption. SNMP (v1/v2c/v3) and RMON support enable the switch to be polled for valuable status information and to send traps for abnormal events.

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