



TP-Link SG2005P-PD | Omada 5 Port Gigabit Smart Switch with 1 Port PoE++ In and 4 Port PoE+ Out

Product Images



TP-Link SG2005P-PD | Omada 5 Port Gigabit Smart Switch with 1 Port PoE++ In and 4 Port PoE+ Out

Elevate your network capabilities with the SG2005P-PD Omada 5-Port Gigabit Smart Switch, a versatile solution designed to enhance connectivity and power your devices efficiently. This smart switch is equipped with a unique feature—Standard PoE Passthrough—extending PoE transmission distances from the standard 100 meters to an impressive 200 meters without compromising gigabit speeds. This makes it an ideal choice for scenarios requiring extended reach, such as long-range surveillance cameras and access points.

Featuring 1-Port Gigabit PoE++ In and 4-Port PoE+ Out, the switch supports various PoE standards, providing a total PoE budget output of up to 64W when powered by 802.3bt Type 4 (90W), 802.3bt Type 3 (60W), 802.3at, and 802.3af PoE. The robust outdoor design, with an IP55 waterproof, dustproof, and UV-resistant enclosure, ensures reliable operation even in challenging outdoor conditions. With an operational temperature range of -40 to 60°C and 4KV lightning protection, this switch stands up to harsh weather elements.

The SG2005P-PD is not just about power and distance; it offers easy installation options, allowing flexible mounting on walls or poles with the provided kits. As part of the Omada SDN ecosystem, it integrates seamlessly into cloud-based management, providing remote access, multi-site management, and centralized control. The switch also comes packed with value-added features, including Static Routing, Access Control List (ACL), QoS, and VLAN, offering a comprehensive solution for your networking needs.

FEATURES

- **Up to 200 m PoE Distance:** Standard PoE Passthrough to doubles PoE source-to-device transmission distance from 100 m (328 ft) to 200 m (656 ft) without losing gigabit speeds, perfect for long-range surveillance cameras and access points*
- **1-Port Gigabit PoE++ In and 4-Port PoE+ Out:** Supports up to 64 W / 44 W / 19 W / 6 W PoE budget output when powered by 802.3bt Type 4 (90 W), 802.3bt Type 3 (60 W), 802.3at, and 802.3af PoE, respectively**
- **Outdoor Weatherproof:** IP55 waterproof, dustproof, and UV-resistant enclosure. Operation temperatures of -40 to 60 °C and 4KV lightning protection further ensure stable operation against harsh outdoor conditions
- **Easy Installation:** Easy to mount to a wall or pole with the provided mounting kits to flexibly fit your needs
- **Centralised Cloud Management:** Integrates into Omada SDN for cloud access, remote management, and multi-site management
- **Value-Added Features Foster Touchpoint Experiences:** Static Routing, Access Control List (ACL), QoS, and VLAN

*The actual transmission distance may vary due to the power consumption of PoE-powered devices or the cable quality and type.

**PoE budget calculations are based on laboratory testing. The actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

WARRANTY

3-Year Manufacturer's Warranty

