Smart Switches Datasheet

MODELS: SG2005P-PD / SG2210XMP-M2 / SG2008 V4.20 / SG2008P V3.20 / SG2210P V5.20 / SG2210MP V4.20 / SG2016P V1.20 / SG2218 V1.20 / SG2218P V1.20 / SG2428P V5.20 / SL2428P V6.20

Overview

TP-Link's brand new Omada smart switches provide huge upgrade comparing with previous versions. The switches can be managed by Omada SDN Controller, which provides professional and reliable one-step solutions. Integrated L2 and L2+ features such as 802.1Q VLAN, QoS, IGMP Snooping and static routing provide cost-effective networking solutions for small and medium-sized businesses without sacrificing enhanced usability and strong performance.

Specifications

Hardware Features & Performance

Product Picture		
Model		SG2005P-PD
General	Interface	5 10/100/1000Mbps RJ45 Ports
	Flash	32 MB
	DRAM	256 MB
	Port Standard	IEEE 802.3i:10BASE-T Ethernet; IEEE 802.3u:100BASE-X Fast Ethernet; IEEE 802.3ab:1000BASE-T Gigabit Ethernet;
PoE	PoE Standard	802.3af/at/bt PoE in for port 5 802.3af/at PoE out for port 1-4
	PoE Power Budget	64 W when powered by 802.3bt Type 4 (90 W) 44 W when powered by 802.3bt Type 3 (60 W) 19 W when powered by 802.3at 6 W when powered by 802.3at
Performance	Switching Capacity	10 Gbps
	Packet Forwarding Rate	7.44 Mpps
	MAC Address Table	8K
	Packet Buffer	4.1 Mbit
	Transmission Method	Store and Forward
	Number of IP Interfaces	16
	Number of Static Routers	32 (IPv4, IPv6)
	Jumbo Frame	9 KB
Physical & Environment	Power Supply	Obtain Power from 802.3af/at/bt PoE Source
	Max Power Consumption	71.5 W (when powered by 802.3bt Type 4 (90 W))
	Max Heat Dissipation	243.99 BTU/hr (when powered by 802.3bt Type 4 (90 W))
	Standby Power Consumption	6.7 W
	Dimensions (W x D x H)	6.7 × 3.9 × 1.5 in (170 × 100 × 38.5 mm)
	IP Rating	IP55
	Surge Protection	4 kV
	Fan Quantity	Fanless
	Installation	Pole-Mounting/Wall-Mounting
	Operating Temperature	-40 to 60 °C (-40 to 140 °F)
	Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
	Operation Humidity	10% to 90% RH, non-condensing
	Storage Humidity	5% to 90% RH, non-condensing
	Certification	CE, FCC, RoHS