



# TP-Link 16-Port Gigabit Desktop Switch with 16-Port PoE+

Brand : TP-Link

Product code: TL-SG116P

Product name : 16-Port Gigabit Desktop Switch with 16-Port PoE+



- With 16 PoE+ ports, transfers data and power on one single cable
  - Compliance with IEEE 802.3af/at PoE+, the switch supports PoE Power up to 30 W for each PoE port
  - Supports PoE Power up to 120 W for all PoE ports\*
  - Up to 250 m data and power transmission range under Extend Mode\*\*
  - Priority Mode ensures high priority of ports 1-4 to guarantee the quality of the sensitive applications
  - Isolation Mode allows one-click client traffic separation for higher security and performance
  - Automatically reboots your dropped or unresponsive PoE-powered devices with PoE Auto Recovery
  - Plug and play with no configuration required
- 23.8Mpps, 32Gbps, 8K, 16x 10/100/1000 Mbps RJ45

<b>Management features</b>		<b>Data transmission</b>	
Switch type *	Unmanaged	Packet buffer memory	4.1 MB
Quality of Service (QoS) support	✓	<b>Security</b>	
<b>Ports &amp; interfaces</b>		IGMP snooping	✓
Basic switching RJ-45 Ethernet ports quantity *	16	Loop protection	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	<b>Design</b>	
Gigabit Ethernet (copper) ports quantity	16	Stackable *	✓
<b>Network</b>		Product colour	Black
Networking standards *	IEEE 802.1Q, IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u	Housing material	Metal
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	LED indicators	✓
Cable types supported	Cat3, Cat4, Cat5, Cat5e, Cat6	Wall mountable	✓
Port mirroring	✓	<b>Power</b>	
Full duplex	✓	Power supply included *	✓
Flow control support	✓	AC input voltage	220 V
Link aggregation	✓	AC input frequency	50 Hz
Broadcast storm control	✓	DC input voltage	9 V
Rate limiting	✓	Input current	0.6 A
Auto MDI/MDI-X	✓	Power consumption (typical)	11.72 W
Auto-negotiation	✓	Power consumption (max)	144.28 W
Cable length detection	✓	<b>Power over Ethernet (PoE)</b>	
VLAN support	✓	Power over Ethernet (PoE) *	✗
Virtual LAN features	Protocol-based VLAN, Tagged VLAN	<b>Operational conditions</b>	
Number of VLANs	32	Operating temperature (T-T)	0 - 40 °C
<b>Data transmission</b>		Storage temperature (T-T)	-40 - 70 °C
Switching capacity *	32 Gbit/s	Operating relative humidity (H-H)	10 - 90%
Forwarding rate	23.81 Mpps	Storage relative humidity (H-H)	5 - 90%
MAC address table *	8000 entries	Heat dissipation	490.55 BTU/h
Store-and-forward	✓	<b>Weight &amp; dimensions</b>	
Number of queues	4	Width	286 mm
		Depth	111.7 mm
		Height	25.4 mm

Data transmission		Packaging data	
Jumbo frames support	✓	Cables included	AC
Jumbo frames	9000	Quick start guide	✓



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