

## HARDWARE FEATURES

Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE 802.3ad, IEEE 802.3x, IEEE 802.1d, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1x, IEEE 802.1p
Interface	24 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 4 1000Mbps SFP Slots 1 Console Port 1 Micro-USB Console Port
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e or above cable (maximum 100m) 1000BASE-X: MMF, SMF
Fan Quantity	2
Physical Security Lock	Yes
Power Supply	100~240VAC, 50/60Hz
PoE+ Ports(RJ45)	Standard: 802.3at/af compliant PoE+ Ports: 24 Ports Power Supply: 384W
Dimensions ( W x D x H )	17.3*13*1.7 in.(440*330*44 mm)
Mounting	Rack Mountable
Max Power Consumption	29.02W (220V/50Hz with no PD connected) 468.7W (110V/60Hz with 384W PD connected)
Max Heat Dissipation	99.02 BTU/h (with no PD connected) 1599.20 BTU/h (with 384W PD connected)

## PERFORMANCE

Switching Capacity	56Gbps
Packet Forwarding Rate	41.7Mpps
MAC Address Table	16k
Jumbo Frame	9KB

## SOFTWARE FEATURES

Quality of Service	Support 802.1p CoS/DSCP priority Support 8 priority queues Queue scheduling: SP, WRR, SP+WRR Port/Flow- based Rate Limiting Voice VLAN
L2 and L2+ Features	Static Routing DHCP Relay DHCP Server IGMP Snooping V1/V2/V3 802.3ad LACP (Up to 14 aggregation groups, containing 8 ports per group) STP/RSTP/MSTP BPDU Filtering/Guard TC/Root Protect Loopback detection 802.3x Flow Control L2PT

## SOFTWARE FEATURES

VLAN	Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs) 802.1Q/MAC/Protocol-based/Private VLAN GARP/GVRP
Access Control List	L2~L4 package filtering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p,DSCP, protocol and VLAN ID Time Range Based
Security	IP-MAC-Port Binding AAA 802.1x and Radius Authentication DoS Defend Dynamic ARP Inspection (DAI) SSH v1/v2 SSL v3/TLSv1 Port Security Broadcast/Multicast/Unknown-unicast Storm Control
IPv6	Dual IPv4/IPv6 stack Multicast Listener Discovery (MLD) Snooping IPv6 neighbor discovery (ND) Path maximum transmission unit (MTU) discovery Internet Control Message Protocol (ICMP) version 6 TCPv6/UDPv6 IPv6 ACL DHCPv6 Snooping IPv6 Interface
IPv6 Applications	DHCPv6 Client Ping6 Tracert6 Telnet(v6) IPv6 SNMP IPv6 SSH IPv6 SSL Http/Https IPv6 TFTP IPv6 ACL IPv6 Interface IPv6 Routing DHCPv6 Relay DHCPv6 Snooping
Management	Web-based GUI and CLI management SNMP v1/v2c/v3,compatible with public MIBs and TP-LINK private MIBs RMON (1, 2, 3, 9 groups) sFlow PPPoE Circuit ID DHCP/BOOTP Client, DHCP Snooping, DHCP Option82 Dual Image CPU Monitoring Port Mirroring Time Setting: SNTP Integrated NDP/NTDP feature Firmware Upgrade: TFTP & Web System Diagnose: VCT SYSLOG & Public MIBS Password Recovery
<b>OTHERS</b>	
Certification	CE, FCC, RoHS

## OTHERS

Package Contents	Switch Power Cord Quick Installation Guide Resource CD Rackmount Kit Rubber Feet
System Requirements	Microsoft® Windows® XP, Vista™, 7, 8, 10, MAC® OS, NetWare®, UNIX® or Linux.
Environment	Operating Temperature: 0°C~40°C (32°F~104°F); Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
Warranty	Limited 5-Year Warranty For further information on our warranty policy please visit: <a href="http://www.tp-link.com.au/support/rma">http://www.tp-link.com.au/support/rma</a>