

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 Gigabit SFP Slots 4 Combo 10/100/1000 Mbps RJ45 Ports 4 10G SFP+ Slots 1 RJ45 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 10GBASE-X:MMF, SMF 10GSFP+CU "SFP+ Direct Attach Cable" (TXC432-CU1M, TXC432-CU3M)
Fan Quantity	2
Physical Security Lock	Yes
Power Supply	100~240VAC, 50/60Hz
Dimensions (W x D x H)	17.3 × 8.7 × 1.7 in. (440 × 220 × 44 mm)
Mounting	19" 1U rack mountable
Max Power Consumption	29.7W
Max Heat Dissipation	101.2 BTU/h

PERFORMANCE

Bandwidth/Backplane	128Gbps
Packet Forwarding Rate	95.2Mpps
MAC Address Table	16k
Jumbo Frame	9216 Bytes

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 IGMP Snooping V1/V2/V3 802.3ad LACP (Up to 14 aggregation groups, 8 ports per group) Spanning Tree STP/RSTP/MSTP BPDU Filtering/Guard TC/Root Protect Loopback detection 802.3x Flow Control L2PT

SOFTWARE FEATURES

VLAN	<p>Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs) 802.1Q/ MAC/Protocol-based/Private VLAN GARP/GVRP</p>
Security	<p>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</p>
IPv6	<p>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</p>
IPv6 Applications	<p>DHCPv6 Client Ping6 Tracert6 Telnet(v6) IPv6 SNMP IPv6 SSH IPv6 SSL Http/Https IPv6 TFTP IPv6 ACL IPv6 Interface IPv6 Routing DHCPv6 Snooping</p>
Management	<p>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 Relay DHCP Server DHCP/BOOTP Client, DHCP Snooping, DHCP Option82 Dual Image CPU Monitoring Port Mirroring Time Setting: SNTP Firmware Upgrade: TFTP & Web System Diagnose: VCT SYSLOG & Public MIBS Password Recovery</p>
Access Control	<p>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</p>
OTHERS	
Certification	CE, FCC, RoHS

OTHERS

Package Contents	Switch Power Cord Installation Guide Resource CD Rackmount Kit Rubber Feet
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