

TP-Link T1500-28PCT

Artikel	115614
Herstellernummer	TL-SL2428P
EAN	6935364030612
TP-Link	



What This Product Does

The T1500-28PCT provides 24 10/100Mbps ports that supports 802.3at/af-compliant PoE, with a total PoE power supply up to 180W, powerful and flexible enough for users to deploy wireless access points or IP-based network surveillance cameras. The switch also comes equipped with 4 10/100/1000Mbps RJ45 ports and 2 combo SFP slots, expanding your network flexibly. In addition, it provides high performance, enterprise-level QoS, useful security strategies and rich layer 2 management features.

TP-LINK Smart PoE Switch T1500-28PCT is a cost-effective product solution for the small and medium business. T1500-28PCT has useful security features. The Storm Control feature protects against Broadcast, Multicast and Unknown unicast Storm. Quality of Service (QoS, L2 to L4) provides enhanced traffic management capabilities to move your data smoother and faster. Anymore, the easy-to-use web management interfaces, along with SNMP and RMON, mean faster setup and configuration with less downtime. For workgroup and departments requiring cost-sensitive layer 2 switch, TP-LINK smart PoE switch T1500-28PCT provides you the ideal access-edge solution.

IEEE 802.3at/af-compliant Power over Ethernet

The T1500-28PCT supports 24 ports of IEEE 802.3at/af-compliant PoE and has a total power supply of 180W to power any 802.3at or 802.3af compliant power device. It's an efficient and cost-effective choice to work with wireless access points, surveillance cameras, IP phones and other PoE supported devices, while getting rid of cables or power lines running around. Compact and flexible, the T1500-28PCT is ideal to flexibly use PoE to deploy wireless access points or IP-based network surveillance cameras for projects or small business networks.

Advanced QoS features

To integrate voice, data and video service on one network, the switch applies rich QoS policies. Administrator can designate the priority of the traffic based on a variety of means including Port Priority, 802.1P Priority and DSCP Priority, to ensure that voice and video are always clear, smooth and jitter free. In conjunction with the Voice VLAN the switch supports, the voice applications will operate with much smoother performance.

Abundant Layer 2 features

For more application of layer 2 switches, T1500-28PCT supports a complete lineup of layer 2 features, including 802.1Q tag VLAN, Port Isolation, Port Mirroring, STP/RSTP/MSTP, Link Aggregation Group and 802.3x Flow Control function. Any more, the switches provide advanced features for network maintenance such as Loop Back Detection, Cable Diagnostics and IGMP Snooping. IGMP snooping ensures the switch intelligently forward the multicast stream only to the appropriate subscribers while IGMP throttling & filtering restrict each subscriber on a port level to prevent unauthorized multicast access.

Enterprise Level Management Features

T1500-28PCT is easy to use and manage. It supports various user-friendly standard management features, such as intuitive web-based Graphical User Interface (GUI) or SNMP (v1/2/3) and RMON support enables the switch to be polled for valuable status information and send traps on abnormal events.

Zusammenfassung

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TP-Link T1500-28PCT, Managed, L2, Fast Ethernet (10/100), Power over Ethernet (PoE), Rack mounting, 1U

TP-Link T1500-28PCT. Switch type: Managed, Switch layer: L2. Basic switching RJ-45 Ethernet ports type: Fast Ethernet (10/100), Basic switching RJ-45 Ethernet ports quantity: 24. MAC address table: 8000 entries, Switching capacity: 12.8 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.3ad, IEEE.... Power over Ethernet (PoE). Rack mounting, Form factor: 1U

Merkmale

Logistics data

Management features

Switch type

Managed

Harmonized System (HS) code	85176990
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Switch layer	L2
Quality of Service (QoS) support	Y
Web-based management	Y

Multicast features

Multicast support	Y
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Protocols

Management protocols	SNMP v1/v2c/v3, RMON, SNMP, TFTP
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Packaging data

Cables included	AC
Quick start guide	Y

Performance

Compatible operating systems	Microsoft Windows XP, Vista, Windows 7, Windows 8, MAC OS, NetWare, UNIX, Linux
Firmware upgradeable	Y

Power

AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (typical)	222.15 W

Power over Ethernet (PoE)

Power over Ethernet (PoE)	Y
Power over Ethernet plus (PoE+) ports quantity	24
Total Power over Ethernet (PoE) budget	180 W

Weight & dimensions

Width	440 mm
Depth	220 mm
Height	44 mm

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%

Security

Access Control List (ACL)	Y
IGMP snooping	Y
Security algorithms	SSH, SSH-2, SSL/TLS
SSH/SSL support	Y

Data transmission

Switching capacity	12.8 Gbit/s
Throughput	9.5 Mpps
MAC address table	8000 entries
Number of queues	4
Jumbo frames support	Y

Design

Rack mounting	Y
Form factor	1U
Product colour	Black
Number of fans	2 fan(s)
Certification	CE, FCC, RoHS

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity	24
Basic switching RJ-45 Ethernet ports type	Fast Ethernet (10/100)
Fast Ethernet (copper) ports quantity	24
Gigabit Ethernet (copper) ports quantity	4
Combo SFP ports quantity	2

Network

Networking standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x
10G support	N
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T
Cable types supported	Cat5, Cat5e

Port mirroring	Y
Flow control support	Y
Link aggregation	Y
Broadcast storm control	Y
Auto MDI/MDI-X	Y
Spanning tree protocol	Y
VLAN support	Y
Number of VLANs	512

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.