

Tenda TEG5312F LAN 10-Port10/100/1000M Base-T +2 Base-X SFP Ethernet ports Desktop/wall mount switch



Šifra: 19491

Kategorija proizvoda: Mrežna oprema

Proizvođač: TENDA

**Cena: 15.030,00**

Layer-3 Routing Engine, High-Efficiency Fast Forwarding

Supports Layer 3 static routing protocols, supports Layer 3 forwarding of up to 400+ terminals, easily meets Layer 3 routing and forwarding across network segments, and truly achieves Layer 2 network isolation and Layer 3 network interworking. Compared with using a Layer 2 switch for transmission, there is no need to go through a router, and the forwarding speed is faster!

Map Visualization

It supports auto discovery of ONVIF based IP camera and access point, and also supports automatically topology generate.

Flexible QoS, Precise Traffic Control

The TEG5312F supports three QoS scheduling modes (SP, SWRR, WRR) for more accurate traffic control. After the QoS function is enabled, the traffic in the network will be precisely controlled according to the priority of the label. It will prioritize important traffic and reduce the proportion of data flows that occupy a large amount of insignificant traffic in the condition of limited bandwidth, in order to better meet the current transmission needs.

Supports Layer 2 And Layer 3 ACL, For More Secure Access

Support strict access control based on MAC address or IP address, which can filter the corresponding data packets to enhance user network security. It can be used for network deployment of government, medical and other units.

Network standards

IEEE802.3? IEEE802.3u? IEEE802.3ab? IEEE802.3ad? IEEE802.3z? IEEE802.3x? IEEE802.1p? IEEE802.1q?  
IEEE802.1w? IEEE802.1d? IEEE802.1s

LED indicators:

1\*Link/Act LED indicator

1\*Power LED indicator

1\*SYS LED indicator

Interfaces:

10\*10/100/1000 Base-T Ethernet ports

2\*1000 Base-X SFP ports

Transmission media

Recommended: CAT5/5e UTP or better

Fan quantity N/A

Level of protection

Lightning protection for ports: 6kV

Lightning protection for power: 6kV

ESD:

Air discharge:  $\pm 10$ kV

Contact discharge:  $\pm 8$ kV

Forwarding mode

Store-and-forward  
Switch capacity 24Gbps  
Packet forwarding rate 17.90Mpps  
Buffer 12Mb  
MAC address table 16K  
Jumbo frame 10K  
PoE power supply N/A  
PoE budget N/A  
Input voltage 100-240V AC 50/60Hz  
Power consumption  
Full load: Empty load: Dimensions(L\*W\*H)294.0mmx179.6mmx44.0mm  
Mounting:  
Desktop mounting: support  
Wall mounting: support  
Rack mounting:non-support  
Energy Efficient Support  
Environment:  
Operating temperature: 0°C - 45°C  
Storage temperature: -40°C - 70°C  
Operating humidity: (10% - 90%)RH, non-condensing  
Storage humidity: (5% - 90%)RH, non-condensing  
Certificates  
FCC?CE?RoHS

## Software

### L3 Features:

VLAN-based routing  
IPv4 static routing adding  
Supports static ARP adding/deleting  
Supports ARP aging time configuration  
PoE power supply management N/A  
Security features  
ARP receiving limit  
Unknown MAC address discard  
DoS attack defense  
802.1x security authentication  
Radius security authentication  
VLAN:  
IEEE 802.1Q VLAN  
VLAN Layer-3 interfaces  
Supports three port modes: Access, Trunk and Hybrid  
DHCP:  
DHCP Server  
DHCP Relay  
DHCP Snooping  
Supports Option 82 policy configuration  
Port aggregation  
Static aggregation  
LACP dynamic aggregation  
Spanning tree:  
IEEE 802.1d STP (Spanning Tree Protocol)  
IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)  
IEEE 802.1s MSTP (Multiple Spanning Tree Protocol)  
Supports edge port  
Supports BPDU statistics  
Multicast:  
IGMP Snooping V1/V2/V3  
Supports port fast leave  
Port Mirroring Supports N: 1 port mirroring  
QoS:  
SP (Strict Priority)  
SWRR (Simple Weighted Round Robin)

WRR (Weighted Round Robin)  
Supports 802.1p port trust mode  
Supports DSCP port trust mode  
Supports a maximum of 8 queue service quality mapping  
Supports MAC ACL and IP ACL  
Loading and upgrade:  
Supports FTP/TFTP/HTTP upgrade  
Supports configuration import and export  
Management and maintenance:  
Supports Telnet  
Supports SNMP V1/V2/V3  
Supports WEB management and maintenance  
Supports Ping/Tracert/Connection Detection  
CPU Monitoring and memory monitoring  
Local visualization management