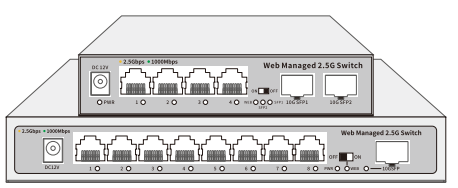
封面

2.5G High-Speed Smart Managed Switch

User Manual



Product description:

This series of products is an ordinary/light-duty Ethernet switch with 10/100/1000M/2.5G RJ45 adaptive ports and gigabit optical port cascading. It supports VLAN isolation and allows management through a local web page. It features a large backplane bandwidth and high packet forwarding rates, high capacity, high throughput, high forwarding, plug-and-play capabilities, and can quickly set up a 2.5G high-speed network. It is the ideal choice for applications such as 2.5G local area networks, high-speed gaming networks in internet cafes, and NAS setups.

Feature

- 10/100/1000M/2.5G adaptive RJ45 ports and 2 10-gigabit SFP+ ports.
- Second-stage toggle: ON + OFF (ON for web-based local management + OFF for standard switches).
- Protocol standards: IEEE802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3bz, IEEE803.3ae, IEEE802.3x.
- Support 802.1Q VLAN, MTU-VLAN, Port VLAN, suitable for a variety of networking business needs.
- Support port automatic flip (Auto MDI/MDIX).
- Support full-duplex/half-duplex operation modes in environments with 10/100Mbps, and full-duplex mode in environments with 1000 /2500 Mbps, The SFP port supports 1000/2500Mbps/10Gbps full-duplex operation.
- MAC address auto-learning & auto-aging.
- 4K MAC address table.
- 60Gbps bandwidth for the backplane.
- High speed packet forwarding rate.

2.5G High-Speed Smart Managed Switch

VLAN mode description:

Identifier	Working mode	Function description
ON	Local lightweight management model	Supports local web lightweight management mode
OFF	Standard switch mode	Plug-and-play non-managed switches

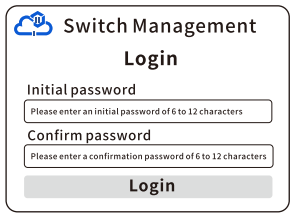
Indicator definition:

Indicator light	Identifier	Status	Description
Power indicator	PWR	ON	Power on
		OFF	Power off
Function indicator	WEB	ON	WEB Lightweight Management Model
		OFF	Standard switch mode
Port indicator	LINK ACT/SFP	Yellow	Lighting: The corresponding ports are negotiated to support speeds of 2.5 Gbps or higher. Blinking: data is being transferred
		Green	Lighting: The corresponding port is negotiated to a speed of 1000 Mbps or lower. Blinking: data is being transferred

Local WEB administration

1、Login to the web interface using a fixed IP address by default.

- The default IP address for the switch is 10.0.0.10. Configure your computer to have an IP address within the same network segment as the switch, such as 10.0.0 .200/24.
- Open a web browser on your computer, enter the switch' s IP address (10.0.0.10), and log in to the web interface.



*The pictures shows the page of local Web management

⚠ **Note:** When accessing the web interface for the first time, please set your initial password according to the prompts (password length requirement: 6-12 characters). Once set, this password will serve as your login password for the web management page.

2.5G High-Speed Smart Managed Switch

2. Automatically obtained IP address through a router to access the web page:

- By default, the switch' s automatic IP acquisition feature is disabled at the factory. When an internal network PC needs to directly access the switch, the automatic IP acquisition feature on the switch can be enabled.
- Devices that obtain an IP address through a router can log in to the router to find the IP address of the hostname (HostName) of the connected device, which is the device model (Such as xxx). Using this IP address, you can log in to the WEB management interface of the device.

SN	IP Address	MAC Address	HostName	Type	Status	Lease expiration time
1	192.168.1.105	5C-15-C5-00-00-EC	xxx	assign	online	XX-XX-XX
2	x.x.x.x	x-x-x-x-x-x	xxx	static	online	- -
3	x.x.x.x	x-x-x-x-x-x	xxx	static	online	- -

Product Application:

1.Broadband upgrade to build a high-speed home network
2.Set up NAS to transfer data at high speed
3.Expand the high-speed office network

⚠ **Note:** 2.5G and 10G are theoretical transmission values, and the actual transmission effect is affected by environmental factors

FAQ

Power indicator (PWR) is not on.
The solution:
a: Check whether the power cable of the switch is correct. Reinstall the switch power cable or use another power outlet.
b: Confirm that the power socket is in good condition.

Connection indicator (LINK/ACT) is not on.
The solution:
a: Ensure that the switch Settings are consistent with those of other devices.
b: Ensure that the cables are properly connected.

Performance deterioration.
The solution:
a: Check whether the switch is in full-duplex mode. If the switch is in full duplex state and other devices are in half-duplex state, the performance of the switch deteriorates.
b:When the switch is operating at 100Mbps, ensure that the connection cables between the switch and other IEEE802.3-compatible network devices are Class 5 unshielded cables.

Several workstations cannot communicate with each other.
The solution:
a: Check the connection light (LINK/ACT) status of the switch to ensure that the connection is correct.
b: Ensure that the network configuration of the workstation connected to the switch is correct. If necessary, correct the network configuration of the workstation.
c: Reset the switch if necessary.

Product parameters and appearance are subject to change without notice, please refer to the official website.



TY-TFS-20260703

100.00 mm

70.0 mm

封底