D7602
Intelligent Network Extender

Description

This device is a two-layer fully managed switch with 24 10/100/1000Mbps ports and 2 1000Mbps independent optical ports. It has a network interface for firmware control of network switching function, and is suitable for residential buildings with corridor-level broadband switching equipment, and meets the needs of carrying various Ethernet services and accessing Ethernet.

It has a standard 1U 19" chassis, with 24 gigabit electrical ports and 2 independent gigabit optical ports, and a web management configuration interface, which is convenient for users to configure each port.It has a standard 1U 19" chassis, with 24 gigabit electrical ports and 2 independent gigabit optical ports, and a web management configuration interface, which is convenient for users to configure each port.

Features

- Support port auto flip function.
- With 24 gigabit ports and 2 independent gigabit optical ports.
- Support port mirroring and bandwidth control.
- Support Web management method.
- Support IEEE802.3x flow control.
- Auto detection of the receiving end; auto power management.
- The network port supports lightning protection.
- With built-in AC-DC power supply.
- The AC input port supports lightning protection.
- Support working temperature of 0°C ~ 40°C.

Specifications

Hardware Specifications	
Required Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z
Working Mode	Store and forward; support wire-speed forwarding
MAC Address Table Capacity	8 K
Backplane Bandwidth	52 Gbps
Flow Control	IEEE 802.3x flow control, back pressure flow control
Software Specifications	
Port Configuration	Support to configure disable&enable, rate, full/half duplex, flow control, address learning
Port Mirroring	Support many-to-many mirroring
VLAN	Support port-based VLAN and 802.1q Tag-VLAN
Link Aggregation	Support up to 8 groups, each group up to 4 gigabit ports
Flow Fontrol	IEEE 802.3x flow control, back pressure flow control
Port Speed Limit	Speed limit unit: 64kbps
Spanning Tree Protocol	Support STP, RSTP, MSTP
Other Loop Protocols	Support EAPS
Multicast	Support 256 multicasts, support IGMP Snooping

QoS	Support 4 priority queues Provide multiple queue scheduling algorithms such as SP, WRR, SP+WRR, etc. Support port-based / MAC-based / 802.1p-based / DSCP-based classification
ACL	Support standard IP extended IP MAC IP ARP, support 512 ACL rules
Security	Support MAC 802.1X-based authentication Support AAA/RADIUS authentication Support WEB/Telnet login password protection Support password protection for access privileged mode
SNMP	Support
Configuration File	Support to upload and download configuration files via Web
Firmware Upgrade	Support to upgrade firmware via Web
Management Interface	Support WEB, SNMP, CLI, Telnet, Console
Power Input	
AC Input Voltage	100 ~ 240 VAC 50-60 Hz
Lightning Protection	AC input supports 6kV lightning protection
Power Consumption	15W (without PD load)
Use Environment	
Working Temperature	0℃ ~ 40℃
Storage Temperature	-40℃ ~ +85℃
Relative Humidity	10% ~ 90% RH, no condensation
Installation Method	Desktop/Rack-mounted
Shell	Metal
Package Dimensions	505 mm x 285 mm x 100 mm
Machine Dimensions	440 mm x 200 mm x 44 mm
Gross Weight	3.3kg
Net Weight	2.6kg