



24-Port Gigabit + 2-Port Gigabit SFP L2 Managed Switch

FR-S3026GMF-E

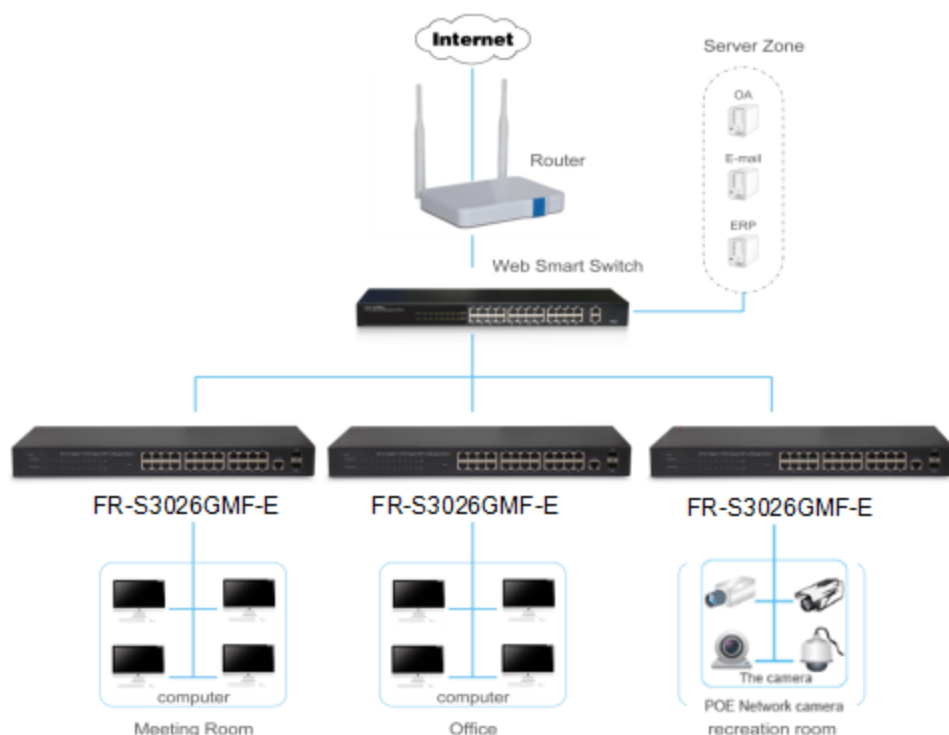
Description

FR-S3026GMF-E is a new generation designed for high security and high performance network the second layer switch. Provides twenty-four 10/100/1000Mbps self-adaption RJ45 port, and two 1000Mbps SFP optical ports, all ports support wire-speed forwarding, can provide you with larger network flexibility. Support VLAN ACL based on port, easily implement network monitoring, traffic regulation, priority tag and traffic control. Support traditional STP/RSTP/MSTP 2 link protection technology; greatly improve the ability of fault tolerance, redundancy backup to ensure the stable operation of the network. Support ACL control based on the time, easy control the access time accurately. Support 802.1x authentication based on the port and MAC, easily set user access. Perfect QOS strategy and plenty of VLAN function, easy to maintenance and management, meet the networking and access requirements of small and medium-sized enterprises, intelligent village, hotel, office network and campus network.

Characteristics

- 2*1000Mbps SFP ports
- Adopt the store - forwarding mode
- Switching Capacity 52G
- Support Web management and the management Console
- Internal power,high performance supply

The application of topology



Features

- Comply with IEEE 802.3i, IEEE 802.3u, IEEE802.3x , IEEE802.3ab , IEEE802.1q , IEEE802.1p standards
- Support Web management and the management Console
- 24 x 10/100/1000Mbps Auto MDI/MDI-X Ethernet port,Support ports Auto MDI/MDIX
- 2*1000Mbps SFP ports
- Supports IEEE802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- supports QoS (quality of service), port mirror, Link aggregation protocol
- 8K entry MAC address table of the switch with auto-learning and auto-aging
- LED indicators for monitoring, Link / Activity/Speed
- The built-in power supply, exquisite design, Suitable for rack installation.

Hardware Specification

Model Name	FR-S3026GMF-E	
Chipset	RTL8382M+2*RTL8218B+3*RTL8231	
Standards and Protocols	IEEE 802.3i、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3x、IEEE 802.3z、IEEE 802.1q、IEEE 802.1p	
Interface	24 x 10/100/1000Mbps Auto-Negotiation ports 2 x 1000Mbps SFP ports 1x Console port 1x Reset button	
Network Media	10Base-T: UTP category 3, 4, 5 cable (maximum 100m) 100Base-Tx: UTP category 5, 5e cable (maximum 100m) 1000Base-T: UTP category 5e, 6 cable (maximum 100m) 1000Base-SX:62.5µm/50µm MMF(2m~550m) 1000Base-LX:62.5µm/50µm MMF(2m~550m) Or 10µm SMF (2m~5000m)	
Transfer Method	Store-and-Forward	
MAC Address Table	8K	
Switching Capacity	52Gbps	
Packet Forwarding Rate	38.688Mpps	
Packet Buffer	4.1Mbit	
Jumbo Frame	9216Bytes	
Indicators	Per Device	Power
	Per Port	Link/Activity/Speed
Power Supply	100-240VAC, 50/60Hz internal power	
Power Consumption	Maximum: 15.9W (220V/50Hz)	
Dimensions (W x D x H)	440*208*44mm	
Environment	Operating Temperature: 0°C~45°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing	



Software Specification

<p>Basic function</p> <ul style="list-style-type: none"> ● Ethernet Setup ● STP/RSTP/MSTP ● Storm-control ● Port Monitor ● Port rate-limit ● MAC filtering 	<p>Three layers of functional</p> <ul style="list-style-type: none"> ● The ARP deception, the network cheating ● Filtering the IP port ● Static binding IP and MAC ● Arp trust port ● Static routing capacity ● Ping and Traceroute 	<p>The security policy</p> <ul style="list-style-type: none"> ● ACE capacity ● ACL ● QoS ● DAI
<p>VLAN</p> <ul style="list-style-type: none"> ● Port based VLAN ● 802.1Q VLAN 	<p>Safety features</p> <ul style="list-style-type: none"> ● Radius ● Tacacs+ ● Preventing DOS attacks ● dot1x ● The gateway ARP deception 	<p>Application protocol</p> <ul style="list-style-type: none"> ● DHCP Relay ● DHCP snooping ● DHCP Client ● FTP/TFTP
<p>Management</p> <ul style="list-style-type: none"> ● HTTP WEB ● Telnet ● SSH ● Console 	<p>Other function</p> <ul style="list-style-type: none"> ● LLDP ● IGMP Snooping ● SNMPV1,V2c,V3 ● RMON (1,2,3,9) 	

