PoE Switch

24 Port 10 Gigabit Managed Network Switch

Features

- ☑ Support Layer 3 OSI Model
- ☑ Support auto MDI/MDIX;
- ☑ Support Store and forward exchange mechanism;
- ☑ Built-in 3 fans for heat dissipation, to increase equipment performance;
- ☑ 24 port 10/100/1000Mbps;
- ☑ Support RIP V1/V2
- ☑ 4 (SFP/SFP+) port;
- ☑ Support up to 16K mac address
- ☑ Support IEEE802.1x flow control;
- ☑ Support IPV6
- ☑ Support Web Browser Configuration System
- ☑ Energy saving when port disconnects

DF5700-24G-4TF

24 10/100/1000M self-adaptive ports

Software Specification

Port Management (Ports)
- Enables / disables the port / - Speed, duplex, MTU settings
- flow-control / - Port Information View

Port mirroring
- Support port access direction

Port speed limit
- Supports port speed limit, speed-granularity determined by the chip

Port isolation
- Support port isolation settings

Storm suppression
- Supports unknown unicast, unknown multicast, broadcast storm suppression

Link aggregation
- Supports static manual aggregation
- Support LACP dynamic aggregation

VLAN
- Access / - Trunk / - Hybrid / - Translate
- Support port VLAN base on port, protocol, MAC
- Support GVRP dynamic VLAN registration / - Voice VLAN

MAC
- Support static add and delete / - MAC address learning limit
- Support dynamic aging time setting

Spanning Tree
- Support 802.1d (STP) / - Support 802.1w (RSTP) / - Support 802.1s (MSTP)

IGMP-snooping
- Support static add and delete / - Support v1/2/3 dynamic multicast listening

ACL
- Based on the source MAC address, destination MAC address, protocol type, source IP address, destination IP address, and L4 port number
- Time-range time range management

QOS
- Based on the source IP, destination IP, port number classification
- Support SP, WRR, DRR scheduling policy

LLDP
- Support LLDP link discovery protocol

User Settings
- Add / Remove Users

Log File
- User logon, operation, status, event log, Syslog

802.1x
- Support 802.1x port authentication (Radius, local)

Anti-attack
- DOS defense / - ARP binding (IP, MAC, PORT binding)
- Support CPU protection and limit the rate of sending packets to the CPU

Network diagnostics
- Support ping, telnet, trace

System Management
- Device reset, configuration save restore, upgrade management, time setting and so on

System Management
- Device reset, configuration save restore, upgrade management, time setting and so on

CLI
- Support serial port command line management

TELNET
- Support telnet remote management

WEB
- Support layer 2 OSI Model setting

DHCP
- DHCP Snooping

Ring network protection
- STP RSTP ERPS

SNMP
- Support V1 V2 V3

L3
- Support Route Configuration, Interface Configuration ARP Configuration, VRRP Configuration, Static Configuration, RIPv1, RIPv2 Configuration, OSPF Configuration,

Specification

Model	DF5700-24G-4TF	
Network port	24 10/100/1000Mbps RJ45 port (port1~port24)	
	1/10Gbps x4 (SFP/SFP+) port	
Forwarding rate	Gigabit wire-speed forwarding	
Transmission rate	10BASE-T or 100BASE-TX, 1000BASE-TX , 1000BASE-X	
Network protocol and standard	IEEE 802.3 10BASE-T	
	IEEE 802.3u 100BASE-TX	
	IEEE 802.3ab 1000BASE-TX	
	IEEE 802.3x Flow Control	
Bandwidth Performance	128Gbps (non- blocking)	
	Network latency (100 to 100Mbps): Max 20 microseconds;	
	Network latency (1000 to 1000Mbps): Max 10 microseconds	
	Frame filtering and transmission rate	
	10M: 14,800pps / 100M: 148,809pps	
	1000M: 148,8019pps	
	Switching Capacity : 56Gbps	
LEDs indicator	Power indicator SYS	
	LINK/ACT indicator	
PoE	24 10/100/1000Mbps RJ45 port support PoE	
	Max 720W	
	Single port max 30W	
Power	12V/2.1A	
Dimensions	Size (LxWxH): 440mm x 320mm x 44mm	
	Unit weight: 4.0kg	
Environment	Working temperature: 0~55C	
	Operating Humidity:10%~90%(Non-condensing)	
EMC	CE Class B	
	FCC Part 15, Class B	
	VCCI Class B	
	C-Tick	
Certifications	CE/ROHS/FCC	