

KDS-514804MPUW800

48 Port POE Gigabit L2 Managed Backbone Switch(800W)



Features

- Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z standards
- Each port supports full-duplex 802.3x flow control and half-duplex backpressure flow control
- 4*1000M SFP, 48*1000M POE port
- Supports standard IEEE 802.3af/at protocol, single port 15.4W/30W output
- All ports support half/full duplex mode automatic adaptation
- Support port mirroring, support STMP protocol
- Support for MAC filtering, MAC address binding, 802.1X authentication
- Store-forward switching mode
- Flow control switch, turn on or off flow control function
- Supporting MAC Address Self-learning
- 0 ~ 55°C operating temperature range
- AC 220 power supply, flexible input
- Dynamic LED indicator showing device operating status and providing simple troubleshooting

Strong Compatibility

- 4*1000M SFP, 48*1000M POE port, Auto MDIMDIX, It can integrate 10 Mbps, 100 Mbps, 1000 Mbps network devices in the same network perfectly.

Excellent Performance

- 1Gigabit ports can automatically adapt to full-duplex or half-duplex mode. Can achieve a bidirectional transfer rate of up to 2000Mbps per port. Increase bandwidth and reduce access latency for connections between clients, truly meeting the needs of sharing high-bandwidth multimedia files, videos or other high-speed applications on the network;
- MAC address self-learning function to ensure data-free transmission;
- Store-and-forward switching mode to prevent damaged packets from spreading across the network;
- The flow control function can prevent the impact of instantaneous large amount of data on the network and ensure the efficient and stable operation of your network.
- Plug and play
- The product is a management switch, and it can work normally without any configuration when it is used; Each port supports Auto-MDI/MDIX auto-flip function, so you no longer have to worry about cable type.

Convenient Maintenance

- The LED indicator lamp on the front panel of the switch can dynamically display the connection and operation status of the equipment, and provide a simple fault detection method for easy maintenance.

Specifications

Parameter	KDS-514804MPUW800
Switching Capacity	128Gbps
Packet Forwarding Rate	132Mpps
MAC Table Entry	8K
Buffer Value	4M
Jitter Delay	9.62ns
Size	440mm × 265mm × 45mm
Weight	5kg
Power	800W
Working Temperature	0~55°C
Storage Temperature	-10~70°C
Working Humidity	10%~90% no condensation
Storage Humidity	5%~95% no condensation
VLAN	Maximum support for 4096 VLANs Support port-based VLAN VLAN Supporting 802.1Q Standard
Spanning Tree	Support RSTP Fast Spanning Tree Protocol
Ring Network	Supporting Fast Loop Networks
Erps	Support
Route	Static Route, OSPF
Port Aggregation	Support static aggregation
Port Mirroring	Support multi-to-one port mirroring without restriction on the number of mirror source ports
Loop Guard	Supporting Loop Detection/Loop Avoidance
Port Flow Control	Supporting half-duplex control based on backpressure
Line Rate	Support port-based input/output bandwidth management
IGMP Snooping	Support IGMP Snooping
DHCP	Support DHCP Client
Storm Suppression	Supporting suppression of broadcasting, multicast, unicast, etc
Negotiation Mode	Support port auto-negotiation (self-negotiation transmission rate and duplex mode) Supporting profile upload/download Support upgrade package upload
System Maintenance	Support WEB to restore factory configuration Support System Logging Function
Network Management	Support WEB interface management, CONSOLE, Telnet