RS1025K-8S-10G-M3

MANAGED 10G SWITCH



- Ultra-High 160Gbps Switching Capacity with 8-Port 10G SFP+
- Upgrade your Network Switches to the next level. This 10G Switch features 8×10Gbps SFP+ slots, delivering a massive 160Gbps Switching Capacity and 119.04Mpps forwarding rate. Designed for Data Center Uplink and Server Clusters, it ensures zero-latency data transmission for 4K/8K HD video aggregation and high-bandwidth Office Infrastructure.
- Advanced Layer 3 Managed Convergence Switch
- More than just an Ethernet Switch, our Managed Network Switch supports robust Layer 3 Features including IPv4/IPv6 Static Routing. With advanced L2 Features like 4K VLAN, IGMP Snooping, and QoS, it provides intelligent traffic control and secure network isolation. Perfect for Enterprise Backbones requiring precise Managed Switch performance.
- Industrial-Grade Hardware for Reliable Performance
- Equipped with a powerful MIPS-34Kc Dual-core 1GHz CPU and 512MB RAM, this Network Hub is built for stability. The 16Mbit Large Buffer and 12KB Jumbo Frame support prevent packet loss during heavy loads. Whether used for Industrial Network or high-end Networking Solutions, the hardware ensures 24/7 reliable operation.
- Versatile 1.25G/2.5G/10G Multi-Gigabit Compatibility
- The 8 Port SFP Switch is fully compatible with diverse SFP Modules. Each port supports 1000/2500/10000Mbps Auto-sensing, allowing you to mix and match different speeds within your Fiber Optic network. This SFP to SFP convergence design makes it an ideal One-Stop Solution for evolving network environments.
- High Availability with ERPS Ring & Rugged Design
- Ensuring maximum uptime, this Managed 10G Network Switch supports ERPS Ring Redundancy for rapid self-healing. The Fanless Silent Design and -20~+50°C Wide Operating Temperature make it suitable for various environments. Backed by a 6KV Surge Protection, it’s the ultimate choice for Professional Security Projects and Industrial Ethernet.
- Original Manufacturer Direct Supply & Customization Service
- As a leading Original Manufacturer of high-end Networking Devices, we provide professional Wholesale solutions directly from our ISO-certified factory. We support full OEM/ODM Customization, including Logo Printing, Custom Packaging, and Firmware Tailoring to meet your specific project needs. Each 10G Managed Switch undergoes 100% aging tests and strict Quality Control to ensure premium performance for your Global Distribution business.

Product name	8-Port 10G SFP+ Layer 3 Managed Convergence Switch
Model	RS1025K-8S-10G-M3

Fixed Port	8*1000/2500/10000Mbps SFP 1×Console port 1× Reset key
Power	External power supply: DC12V 3A
Hardware Specs	CPU: MIPS-34Kc Dual-core 1GHz DDR3 RAM: 512MB Flash: 512MB
Switching Performance	Switching capacity: 160Gbps Packet forwarding rate: 119.04Mpps MAC address table: 32K Packet buffer: 16Mbit SRAM Jumbo frame: Up to 12KB
Network Protocol	IEEE 802.3, IEEE 802.3u (100BASE-TX), IEEE 802.3ab (1000BASE-T), IEEE 802.3x (Flow Control), IEEE 802.3z (1000BASE-X), IEEE 802.3ae (10GBASE-R), IEEE 802.3ad (LACP), IEEE 802.1Q (VLAN), IEEE 802.1p (CoS), IEEE 802.1d (STP), IEEE 802.1w (RSTP), IEEE 802.1s (MSTP)
Multicast	IGMPv1/2/3 Snooping MLDv1/2 Snooping GMRP, multicast VLAN, static multicast
L3 Routing	IPv4: 12K routes IPv6: 12K routes Supports DHCP Server, ARP, ICMP
QoS	8 priority queues， SP/WRR/DRR scheduling
Transmission Distance	SFP+ module: Up to 120km (Dependent on SFP+ module and fiber type) SFP-T (Copper) module: 100m over Cat6a/7 cable
Environment	Operating: -10~+55°C, 5%–90% RH Storage: -40~+75°C, 5%–95% RH