RS1025K-8S-10G

2.5G ETHERNET SWITCH

8* 1G /10G SFP



- Multi-Rate 10G Fiber Connectivity: Features 8× 10G SFP+ ports with 1G/10G auto-adaptive technology. Perfectly bridges the gap between legacy Gigabit and high-speed10Gbps infrastructure.
- Massive 160Gbps Throughput: High-capacity non-blocking switching fabric ensures wire-speed data forwarding and lag-free performance for bandwidth-intensive tasks like NAS storage and 4K video editing.
- Industrial-Grade Reliability: Engineered with 4KV lightning protection and a rugged IP30 metal housing. Fanless silent design ensures 24/7 stable operation in diverse environments from -10°C to +55°C.
- Optimized for Heavy Workloads: Supports 12KB Jumbo Frames and an 16Mbit SRAM packet buffer, significantly improving data transfer efficiency and reducing latency for high-density network traffic.
- Direct Factory Customization (OEM/ODM): As a specialized manufacturer, we offer flexible services including customized logo printing, PCBA hardware modification, and tailored packaging with competitive factory pricing.
- Plug-and-Play Simplicity: Unmanaged design requires no configuration. DC 12V power input and compact desktop/wall-mount form factor make it ideal for quick enterprise-level deployment.

Product name	8-Port 10G SFP Optical Switch
Port	8 * 1G/10G SFP
Type	Unmanaged, Non-PoE
Power	DC 12V IN
Network Protocol	IEEE 802.3 / IEEE 802.3z / IEEE 802.3ae / IEEE 802.3x
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: 16K

	Packet buffer: 12 Mbit SRAM Jumbo frame: Up to 12KB
Lightning Protection	4KV 8/20us; IP30
Transmission Distance	SFP: 1G/10G SM/MM, max ≤120km (depends on module)
LED Indicator	PWR: Power LED SYS: System LED 1-8: 1G / 10G Optical port LED
Operating Environment	Operating Temp: - 15℃~55℃; Storage Temp: -40℃~70℃ Operating Humidity: 10%~90% RH; Storage Humidity: 5%~90% RH, non-condensing
Installation	Desktop (Wall-mount kit optional)
Size (LWH)	210*110*30 235*168*70mm
N.W/G.W （kg）	0.6/0.9kg