RS1025K-8P-2S-10G

2.5G ETHERNET SWITCH



- Multi-Gigabit Speed Architecture with 10G Fiber Uplink:
- Unleash peak network performance with 8x 2.5G Ethernet Ports, delivering high bandwidth for demanding devices like WiFi 6/7 Access Points (APs), 4K/8K Ultra-HD NVR systems, and high-speed workstations. Equipped with 2x 10G SFP+ Fiber Uplink, this switch provides a future-proof connection to your core network or server, ensuring fast data transfer and zero bottlenecks for your entire home or small business network (SMB). It's a true multi-gigabit solution for seamless network upgrade.
- Robust Power over Ethernet (PoE) Capabilities:
- This PoE Switch complies with IEEE 802.3af/at standards, offering reliable Power over Ethernet to up to 8 compatible devices. Each port intelligently delivers power and data through a single RJ45 cable, simplifying installations of IP Cameras, VoIP Phones, and Wireless Access Points. Experience efficient power management and stable connectivity for all your PoE-powered devices (PDs), reducing cable clutter and installation costs in your CCTV or office network.
- True Plug-and-Play Unmanaged Simplicity:
- Designed for effortless network deployment, our Unmanaged Switch offers genuine Plug and Play (PnP) functionality. It requires zero-configuration and no software setup, making easy setup accessible for everyone. Simply connect your devices for instant high-speed network access. This desktop switch is the ideal hassle-free network solution for users seeking reliable performance without complex IT expertise.
- Built-in Reliable AC Power & Robust Protection:
- Features a professional built-in power supply (AC 100-240V), eliminating the need for an external power brick and simplifying installation. This design ensures stable and reliable power delivery directly from the wall outlet to the switch and all connected PoE powered devices (PDs). Enjoy a cleaner setup with less cable clutter. Furthermore, it incorporates surge protection (and if applicable, mention lightning protection) to safeguard your valuable network equipment and ensure 24/7 stable operation in diverse environments. The fanless silent cooling and durable metal housing contribute to its long-term reliability.
- Factory Direct & Comprehensive OEM/ODM Service:
- As a leading source manufacturer, we offer unparalleled value with competitive wholesale prices and substantial mass stock for fast shipping. Beyond standard offerings, we specialize in professional OEM (Original Equipment Manufacturer) and ODM (Original Design Manufacturer) customization services. From Logo printing and custom packaging design to hardware modification and firmware optimization, our experienced R&D team is ready to partner with you to develop bespoke network solutions that meet your unique brand and market requirements.

Product name	8-Port 2.5G POE +2*10G SFP
Model	RS1025K-8P-2S-10G
Fixed Port	8*100M/1000M/2.5G POE 2*1000M/10G SFP
Type	Unmanaged, 1-8 PoE
Power supply	AC 100-240V
PoE Standard	IEEE802.3af/at
PoE Port	Port 1~8
RJ45 PoE Power Supply	1/2 V+ 3/6 V-
PoE port output	Maximum 15.4 W/30W
Network Protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE 802.3ae
Packet Buffer	8.1Mbit SRAM
Jumbo frame	up to 12KB
Bandwidth	60Gbps
Packet Forwarding	44.64Mpps
MAC Address	4K
Transmission Distance	10BASE-T: Cat3/4/5 UTP ≤250m 100BASE-TX: Cat5 or above UTP ≤150m 1000BASE-T: Cat6 or above UTP ≤150m 2500BASE-T: Cat6 or above UTP ≤100m SFP: 1G/10G SM/MM, max ≤120km (depends on module)
LED Indicator	PWR: Power LED RJ45 Port: 10M//100M LED; 1G LED; 2.5G LED SFP Port: Fiber link LED
Operating Temperature/Humidity	-10 ～ +55°C； 5% ～ 90% RH Non coagulation
Storage Temperature/Humidity	-40 ～ +75°C； 5% ～ 95% RH Non coagulation
Product size/Packing size （L*W*H）	178*120*35 mm / 182*196*48
N.W/G.W （kg）	0.5kg / 0.7kg
Package specification	30SET W*D*H 415*580*275 23Kg
Installation	Desktop (optional wall+machine hanger parts)