RS1025K-4P-2S-10G-W

2.5G ETHERNET SWITCH



- Compact 2.5G PoE Switch with 10G SFP+ Uplink
- Featuring 4×100M/1000M/2.5G PoE RJ45 ports and 2×1G/10G SFP+ uplink ports, this unmanaged switch provides high-speed network connectivity for WiFi 6 APs, IP cameras and enterprise networking devices.
- DC 48V External Power Supply Design
- Designed with a DC 48V external power input, this compact PoE switch offers flexible installation and is suitable for embedded applications, low-voltage projects, network cabinets and customized equipment integration.
- IEEE 802.3af/at PoE Output
- All 4 PoE ports support IEEE 802.3af/at standard, providing up to 30W PoE output per port for powering wireless access points, IP cameras, VoIP phones and other PoE devices.
- Dual 10G SFP+ Fiber Uplink Performance
- Equipped with 2×10G SFP+ ports, the switch supports high-speed fiber uplink expansion. With 60Gbps switching capacity, 44.64Mpps forwarding rate and 4K MAC address table, it ensures stable data transmission.
- OEM ODM PoE Switch Manufacturer
- We provide OEM ODM customization services including DC/AC power design, hardware customization, logo, housing, packaging and mass production support for global distributors and networking solution providers.

Product name	4-Port 2.5G PoE Switch with 2×10G SFP+ Uplink
Fixed Port	4*100M/1000M/2.5G 2×1G/10G SFP+ Ports
Type	Unmanaged, 1-4 PoE
Power	DC 48V 1.5A
Network Protocol	IEEE 802.3 / IEEE 802.3u / IEEE 802.3ab / IEEE 802.3x / IEEE 802.3z
PoE Standard	IEEE 802.3af/at

Packet Buffer	8 Mbit SRAM
Jumbo frame	Up to 12KB
Bandwidth	60Gbps
Packet Forwarding	44.64Mpps
MAC Address	4K
Transmission Distance	10BASE-T： Cat3,4,5 UTP(≤100 meter) 100BASE-TX： Cat5 or later UTP(100 meter) 1000BASE-T： Cat6 or later UTP(100 meter) 2500BASE-TX： Cat6 or later UTP(100 meter) SFP: 1G/10G SM/MM, max ≤120km (depends on module)
LED Indicator	PWR: Power indicator Green LED: 2.5G Link Orange LED: 100M/1000M Link
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)
Dimensions （L*W*H）	135*68*33 157*116*78mm
N.W/G.W （kg）	0.24 / 0.38 kg