# RS1005K-1S-I

## INDUSTRIAL SWITCH




- High Performance Gigabit Industrial PoE Networking:
- Features 4 Gigabit PoE Ports 1 Gigabit LAN And 1 Gigabit SFP Slot Providing 10Gbps Switching Capacity For Seamless Data Transmission In Industrial Automation.
- Innovative DC 12V-54V Wide Voltage Booster:
- Integrated With A Professional Power Boost System Supporting DC 12V 24V And 48V Inputs Making It Perfect For Solar Power Systems And Vehicle Deployment Applications.
- Versatile Fiber Optic Connectivity:
- The Dedicated 1000Mbps SFP Slot Supports Long-Distance Fiber Transmission Up To 100km Allowing Flexible Network Aggregation And Remote Site Monitoring Solutions.
- Extreme Temperature Resilience -40C To 75C:
- Rugged IP40 Slim Type Metal Case Combined With Fanless Design Ensures Reliable 24/7 Continuous Operation Under Severe Outdoor Weather And Electrical Conditions.
- Direct Source Factory With Custom Services:
- As A Professional Leading Network Hardware Manufacturer We Provide Competitive Wholesale Pricing CE FCC Certification And Comprehensive OEM ODM Private Labeling.

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| **Product name** | 5-Port Gigabit Industrial PoE Switch with 1 SFP Port |
| **Product Name** | RS1005K-1S-I |
| **Ports** | 4*10/100/1000Mbps POE<br>1*10/100/1000Mbps Uplink<br>1*1000Mbps SFP |
| **PoE Standard** | IEEE 802.3af/at |
| **PoE Power Output** | 15.4W/Port (Max 30W) |

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| **Network Protocol** | IEEE 802.3 (10BASE-T)<br>IEEE 802.3u (100BASE-TX)<br>IEEE 802.3ab (1000BASE-T)<br>IEEE 802.3z (1000BASE-X)<br>IEEE 802.3x (Flow Control) |
| **RJ45 port** | 10/100/1000Mbps Auto-Negotiation<br>Full/Half Duplex<br>MDI/MDI-X Auto Sensing |
| **Transmission Distance** | 10BASE-T: Cat3/4/5 ≤250m<br>100BASE-TX: Cat5 ≤100m<br>1000BASE-TX: Cat6 ≤100m<br>SFP: MM 550m / SM 20~100km |
| **Switch Properties** | Total backplane bandwidth: 10Gbps<br>Whole machine packet forwarding rate: 7.44Mpps<br>MAC table: 2K<br>Packet buffer: 1M<br>Delay time:<4 μ s<br>Exchange mode: store forward |
| **Degree of protection** | IP40 slim type metal case |
| **Power Supply** | Input voltage: DC12~54V (dual power redundancy backup)<br>Access terminal: Phoenix terminal<br>Support dual power redundancy<br>Support reverse connection protection |
| **work environment** | Operating temperature: - 40~75 ° C (- 40~185 ° F)<br>Storage temperature: - 40~75 ° C (- 40~185 ° F)<br>Relative humidity: 5%~95% (no condensation) |
| **Mechanical properties** | Housing: metal<br>Installation: DIN clamp rail type |
| **Dimensions** | 101*80*40 160*130*70mm |
| **MTBF** | 300000 hours |