



BSD-MIGPS0204GSFP

MAIN FEATURES



2*1000 Base-X, 4*10/100/1000Base-T

Managed Industrial Ethernet Switches

Input Voltage: DC12~58V(Non-PoE), DC48~58V(PoE)

Operating Temperature: -40°C ~ +75°C

Shell: IP40 protection, fan less design

Test Report: CCC, RoHS, FCC, CE

Anti-static: 8KV-15KV

MTBF: 100000 Hours

PRODUCT DESCRIPTION

The equipment is 2*1000 Base-X, 4*10/100/1000 Base-T PoE Managed Industrial Ethernet fast switch, through the fan less cooling circuit design, wide range working environment temperature, high protection level and other technologies, provide high / low temperature, lightning protection and other outstanding industrial quality, and integrated switching, safety and various rich protocols, simultaneously supported The public Ethernet multi ring protection technology (ERPS) has greatly enhanced the flexibility of the network and enhanced the reliability and security of the industrial network. It can meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.



PRODUCT PARAMETERS

| Provider Mode Ports | |
|------------------------------------|---|
| Fixed port | 2*1000 Base-X, 4*10/100/1000 Base-T 802.3,802.3u,802.3i,802.3z,802.3ab |
| Management Port | Support Console |
| Power interface | Phoenix terminal, dual power input |
| LED Indicators | PWR, Link/ACT LED |
| | |
| Cable Type & Transmission Distance | |
| Twisted-pair | 0-100m (CAT5e,CAT6) |
| Singlemode optical fiber | 20/40/60/80/100KM |
| Multimode optical fiber | 550m |
| | |
| Network Topology | |
| Ring topology | Support |
| Star topology | Support |
| Bus topology | Support |
| Tree Topology | Support |
| Hybrid topology | Support |
| | |
| Electrical Specifications | |
| Input voltage | DC12~58V(Non-PoE), DC48~58V(PoE) |
| Total Power consumption | < 10W (Non-PoE), < 130W (PoE) |
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| PoE Support | |
|------------------------|---|
| PoE port | 1-4 |
| PoE Protocol | 802.3af, 802.3at |
| Pin Assignment | 1,2,3,6 |
| PoE Management | Support |
| Layer 2 Switching | |
| Switching capacity | 36G |
| Packet forwarding rate | 26.78Mpps |
| MAC address table | 16K |
| VLAN | Support 4K, 802.1q |
| Buffer | 12M |
| Forwarding delay | <10us |
| MDX/MIDX | Support |
| Flow control | Support |
| Jumbo Frame | Support 10Kbytes |
| Spanning Tree | Support STP/RSTP/MSTP, 802.1d,802.1w,802.1s |
| Ring Protocol | Support ERPS, G.8032 |
| Link Aggregation | Support 12 group, 802.3ad |
| Multicast | Support IGMP Snooping |
| Port Mirroring | Support |
| Storm Control | Support 802.3x |
| Interface Counters | Support |
| QINQ | Support |
| 802.1X | Support |
| MAC Authentication | Support |



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|--------------------|---|
| Port Isolation | Support |
| RMON | Support |
| NTP Client | Support |
| DHCP CLIENT | Support |
| DHCP snooping | Support |
| Ping/tracert test | Support |
| Dying gasp | Support |
| DDM | Support |
| Convergence | |
| ACL | Support ACL 500 Support IP standard ACL Support MAC expand ACL Support IP expand ACL |
| QoS | Support QoS re-marking, priority mapping Support SP, WRR queue scheduling Support egress rate-limited, egress rate-limit Support Policy-based QoS, IEEE.802.1p |
| Management | |
| CLI | Support |
| Console | Support |
| Management IP | Support IPv4/IPv6 |
| Telnet/SSH | Support |
| WEB management | Support |
| SNMP | Support SNMPv1/v2c/v3 |
| User Management | Support |



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|------------------------------------|---|
| System Log | Support |
| Configuration File Download/Upload | Support |
| Upgrade Firmware | Support |
| Environment | |
| Operating temperature | -40°C ~ +75°C The device is tested for 4 hours at temperatures in 85°C |
| Storage temperature | -40°C ~ +85°C |
| Relative humidity | 5% ~ 95% (non-condensing) |
| Thermal methods | Fanless, natural cooling |
| MTBF | 100,000 hours |
| Mechanical Dimensions | |
| Product size | 48X104X143mm |
| Installation Method | DIN-rail |
| Weight | 0.58KG |
| EMC&INGRESS PROTECTION | |
| IP Level | IP40 |
| Surge protection of Power | IEC 61000-4-5 Level X (6KV/6KV) (8/20us) |
| Surge protection of Ethernet port | IEC 61000-4-5 Level 4 (4KV/4KV) (10/700us) |
| RS | IEC 61000-4-3 Level 3 (10V/m) |
| EFI | IEC 61000-4-4 Level 3 (1V/2V) |
| CS | IEC 61000-4-6 Level 3 (10V/m) |
| PFMF | IEC 61000-4-8 Level 4 (30A/m) |
| DIP | IEC 61000-4-11 Level 3 (10V) |
| ESD | IEC 61000-4-2 Level 4 (8K/15K) |

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|-----------------------|--|
| Free fall | 0.5m |
| Authentication | |
| Authentication | CCC/CE/FCC/RoHS |
| Accessories | |
| Accessories | Device, Terminals, Specification, Certificate Adapter(optional) |
| | |

SIZE AND APPEARANCE

