

WD-GS-2210-8P40i

Product Data Sheet

Apollo Infoways Pvt. Ltd.



10/100/1000M 8-RJ45(POE) + 4-1G/10G SFP+ Slot

Overview

HD-ISW-M3 series L3 managed switch adopt store-and-forward architecture and energy saving design, with 8*10/100/1000Base-T PoE port and 4*10G/1GBase-X port. At the same time, it supports the public Ethernet ring network protection protocol (ERPs), which greatly improves the networking flexibility and availability. L3 management function makes installation get more easier and convenient, providing 1G high speed Rate downlink port and 10G uplink port to build a high-performance and reliable network. It also be used as outdoor Gigabit to 10 Gigabit convergence and gateway equipment.

HD-ISW-M3 Industrial POE Switch is the ideal solution for powering remote devices such as IP phones, video cameras, wireless access points, alarms, traffic controllers, sensors and tracking devices, which are installed 100m far from a Power over Ethernet switch. In addition to transmitting data, the twisted-pair port also injects power down the cable, allowing a remote Power over Ethernet Device to operate without the need of any additional power source. All Power over Ethernet Powered Devices (IEEE 802.3af/at compliant) are supported, as the Power Sourcing Equipment (PSE) device can deliver a full 15.4W / 30W of power to the remote PD device.

Hardware Features

- ERPS (G.8032) Ring network protocol, high network availability
- Non blocking high speed forwarding.
- It provides 4*10G/1G SFP+ interfaces to form a ring network
- Support POE power function, support IEEE 802.3af/at standard
- POE Budget management
- It supports multiple three-layer ports and static routing
- Web/CLI/Telnet/SNMP Management
- 4KV surge protection for UTP
- IP40 protection

- Supports 8~15KV ESD protection
- -40°C~85°C operating temperature
- Low power consumption

Technical Specifications

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|------------------------|---|
| Standards | IEEE802.3 10BASE-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3ae 10 Gigabit Ethernet, IEEE802.1Q VLAN, IEEE802.3x Flow control and back pressure, IEEE802.1d STP, IEEE802.1w RSTP, IEEE802.1s MSTP, IEEE802.3ad Link Aggregation, ITU-T G.8032 IEEE802.3af/at PoE PoE+ |
| Switching Capacity | 128Gbps/non-blocking |
| Packet forwarding rate | 41.7Mpps |
| MAC Address Table | 16K |
| Packet Buffer Space | 12M |
| Copper | 8*10/100/1000Base-T, RJ45 (PoE) |
| Fiber | 4*10GBase-X, SFP+ Slot |
| Console | RS232 (RJ45) |
| Key Switch | Reset |
| POE | 802.3af, 802.3at Pin Assignment:1,2+;3,6- PoE Management |
| Power | 48~58 VDC Redundant power inputs Reverse Polarity Power Consumption: ≤250W Connector: 6-PIN Removable Terminal Block |
| LED Indicators | PWR, RUN, Link/Act, Speed, Fiber Link |
| Operating Temperature | -40 °C ~ +85 °C |
| Relative Humidity | 5-95% (no condensation) |
| Housing | IP40 Protection, Aluminum Alloy, fan-less |
| Mounting | DIN-rail; wall-mounted/rack mounted kits optional |
| Dimensions | 169*117*50mm(device); 235*170*95mm(packing) |
| Weight | 0.75kg(device); 0.90kg(device with packing) |
| Protection | IEC 61000-4-5 Level 4 IEC 61000-4-4 Level 4 IEC 61000-4-2 Level 4 |
| Regulations | CE/FCC/ROSH |

Software Feature

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|-------------|---------------|--------------------------|
| L2 Features | Port Features | IEEE 802.3x flow control |
| | | Interface counters |
| | | Storm control |

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|----------------------------|-------------------|-----------------------------------|
| | Link Aggregation | Static aggregation |
| | | Dynamic aggregation, LACP |
| | Mirror | Port-based mirror |
| | Spanning Tree | IEEE802.1d STP |
| | | IEEE802.1w RSTP |
| | | IEEE802.1s MSTP |
| | VLAN | Port-based VLAN |
| | Mac-address table | Static mac-address |
| | | Dynamic mac-address |
| | | Filtering mac-address |
| | QINQ | Port-based QinQ |
| | | VLAN-based QinQ |
| | | Flow-based QinQ |
| | | 1:1 VLAN Mapping |
| | ERPS (G.8032) | Single ring |
| | | Sub-Ring |
| | | Multi-ring |
| | | Load balance |
| | Layer 2 Multicast | IGMP V1 Snooping |
| IGMP V2 Snooping | | |
| IGMP V3 Snooping | | |
| Source Port Check | | |
| IGMP Fast Leave | | |
| L3 Features | ARP | Static ARP |
| | | Dynamic ARP |
| | IPV4 | Static route |
| Security Features | ACL | IP Standard ACL |
| | | MAC extend ACL |
| | | IP extend ACL |
| | QoS | QoS Class, Remarking |
| | | SP, WRR queue scheduling |
| | | Ingress Port-based Rate-limit |
| | | Ingress Priority-based Rate-limit |
| | | Egress Port-based Rate-limit |
| | | Egress Queue-based Rate-limit |
| | Dot1x | Policy-based QoS |
| | | Port Access Control |
| User Access Control | | |
| Mac-address Access Control | | |
| Management | User management | RADIUS Server |
| | | Password protection |
| | SNMP | SNMP V1/V2C/V3 |
| | Web management | Web management |
| HTTP V1.1 | | |

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|-------------|------------------|-------------------|
| | | HTTPS |
| | Firmware Upgrade | Firmware Upgrade |
| | Syslog/Debug | Support |
| | IPV4/IPV6 | Support |
| | Diagnosis | |
| | | ping(ipv6) |
| | | Trace route(ipv4) |
| | | Trace route(ipv6) |
| Application | NTP | NTP Client |
| | DHCP Snooping | Trust Port |
| | Telnet | Telnet Server |
| | | Telnet Client |
| | TFTP | TFTP Client |

Order Information

| Model No. | Description |
|---|--|
| WD-GS-2210-8P40i | L3 Managed, 8*10/100/1000Base-T PoE + 4*10G/1GBase-X |
| Note: Power supply provided by user or ordered additionally | |

For More Information

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