

Product Information

MX6008LN-4SFP Series

Compliant with EN50155, EN50121-3-2,
EN55011, IEC61373

**4+4G-port Din-Rial Layer 3 Gigabit Managed
Ethernet switches**



Features

- ❖ 4 10/100BaseT(X) ports (DB9 Ports)
- ❖ 4 1000BaseSFP slots
- ❖ Layer-3 Switching, Supports Static Routing, RIP V1/V2, OSPF
- ❖ RingOn (recovery time < 15ms), RSTP for Network Redundancy
- ❖ Fanless, -40 to +85°C operating temperature range
- ❖ 12~36VDC or 10~24VAC power supply range

HENRICHTM
Henrich Electronics Corporation

Main Office

Tel: 860-487-9869

Fax: 860-487-9478

www.henrich-inc.com

Introduction

MX6008LN-4SFP series switches, which boast compact design, highly integration and reliability, are gigabit managed industrial Ethernet switches. The switches are equipped with not only L2 functions but also L3 routing. They are capable of providing power information transmission and network management in harsh industrial environments .They support up to 4 10/100Mbps DB9 ports and 4 Gigabit SFP Slots. They support redundant power supply input ,ranging from 10~24VAC or 12~36VDC. As for installation, they can be installed with Din-rail.

Specifications

| | | | |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technology | | Switch Properties | |
| Standard : | IEEE802.3, 802.3u, 802.3z, 802.3ab, | L3 Host table : | 4K |
| Processing Type : | Store and forward | MAC Table Size : | 16K |
| Broadcast Storm : | Automatic Broadcast Storm Control | Priority Queues : | 4 |
| Management : | by Web Browser | Max. Number VLANs : | 64 |
| RingOn : | Recovery Time within 15ms | VLAN ID Range : | VID 1 to 4094 |
| Flow Control : | IEEE802.3x Flow Control, Back Pressure Flow Control | IGMP Groups : | 256 |
| Protocols : | IGMP Snooping, GMRP, SNMPv1/v2c/v3, DHCP Client, HTTP, HTTPS, Telnet, NTP Client | Interface | |
| | L3 Functions <ul style="list-style-type: none"> • Static IP routing • OSPFv1/v2 • RIPv1/v2 • VRRP • IGMP v2/v3 Multicast Listener Protocol • Firewall , NAT and port mapping • File sharing based on the SAMBA service • FTP service based on STUPID-FTP • SSH secure access service based on OPENSSH • Add access, control WEB | RJ45 Port : | 10/100BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection |
| | L2 Functions <ul style="list-style-type: none"> • IEEE 802.1Q Static VLAN and VLAN Label • Link Layer Management Protocol (LLDP) • IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) • IGMP SNOOPING • RingOn™ Redundant Technology, recovery time <15ms • RingOpen Redundancy | Fiber Module : | 1000Base-LX (4 SFP slots) |
| | Management Tools <ul style="list-style-type: none"> • Web Interface (HTTP and HTTPS) • Console port and Command Line Interface(CLI) controlled by SSHv2 • SNMPv1/v2c/v3 • Flexible configuration and log file management • Managing local file through HTTP, FTP, TFTP and SCP • Syslog(System log file and remote syslog server) • Sntp(NTP Client) • Software Online Upgrading | LED Indicators : | Power, Port Status |
| Software functions : | | Console port : | RJ45 Port |
| | | Output Warning : | Relay, Standard 2 Pin |
| | | Power Requirements | |
| | | Input Voltage : | 12~36VDC @ 24W MAX 10~24VAC @ 24VA MAX |
| | | Input Connection : | Grid panel terminal blocks Standard 4 pin input connection (optional) |
| | | Physical Characteristics | |
| | | Case : | Slim Metal Case, IP30 Design |
| | | Dimensions : | 55.2×180×148mm |
| | | Installation : | DIN Rail or Panel Mounting |
| | | Environment Limits | |
| | | Operating Temp. : | Standard Models: -10 to 60°C Wide Temp. Models: -40 to 85°C |
| | | Storage Temp. : | -40 to 85°C |
| | | Ambient Relative Humidity : | 5 to 95%(Non-condensing) |
| | | Standards and Certifications | |
| | | EMI : | FCC Part15, CISPR(EN55022) Class A |
| | | EMS : | EN61000-4-2(ESD) Level 4, EN61000-4-3(RS) Level 4, EN61000-4-4(EFT) Level 4, EN61000-4-5(Surge) Level 4, EN61000-4-6(CS) Level 4, EN61000-6-2 |
| | | Rail Traffic : | EN50155, EN50121-3-2, EN55011, IEC61373 |
| | | Shock : | IEC 60068-2-27 |
| | | Freefall : | IEC 60068-2-32 |
| | | Vibration : | IEC 60068-2-6 |
| | | Warranty | |
| | | Warranty Period : | 3 years |

Ordering Information

MX6008LN-4SFP Series

| | |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MX6008LN-4SFP-4DB9 | Layer 3 Din-rail Managed, 4 x 100Mbps Copper Port, DB9 Interface, 4 x Gigabit SFP Fiber Port, Industrial Temperature -10°C to +60°C, Power Input 12~36VDC or 10~24VAC |
| MX6008LN-4SFP-4DB9-W | Layer 3 Din-rail Managed, 4 x 100Mbps Copper Port, DB9 Interface, 4 x Gigabit SFP Fiber Port, Industrial Wide Temperature -40°C to +85°C, Power Input 12~36VDC or 10~24VAC |