

HEF7224GM-2SFP Series



Features

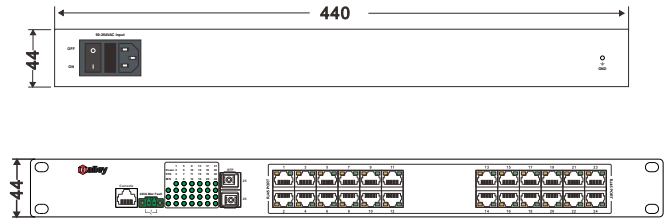
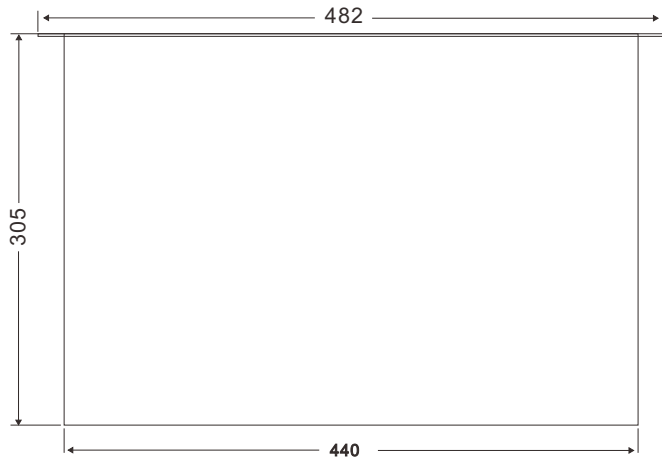
- IEEE802.1x Compatible
- Layer 2 Network Managed Switch
- Twenty-four(24) 10/100/1000BASE-T/TX Copper Ports
- Two(2) 1000Mbps SFP Ports
- Redundant Ring with <20ms Link Switchover
- Network Standards: IEEE802.3 10BaseT, IEEE802.3u 100BaseT/TX and 1000BaseFX, IEEE802.3x Flow Control, IEEE1588PTP, IEEE1000Base-x, 1000Base-x
- Network Protocols: IGMP V1/V2/V3, GMRP, GVRP, SNMP V1/V2C/V3, DHCP, TFTP, SNMP, SMTP, RMON, HTTP, HTTPS, TELNET, SSH, SYSLOG
- Supports RSTP / STP 802.1w/d/s, IEEE802.1D
- Enhanced Mechanisms through QoS, TOS / DiffServ
- Supports VLAN, QVLAN IEEE 802.1q, IEEE802.1AD for Network Management
- 802.3ad, LACP for Bandwidth Optimization
- Supports ACL and Hardware Filtration
- Supports LLDP for Network Topology Discovery, IEEE802.1AB
- LED Indicators for Link, Activity, Data Rate
- Configuring, Debugging via Web, Telnet, SSH, Serial Port
- Port Loopback for Broadcast Storm Protection
- Port Locking for Authorized MAC Address Access
- Relay Alarm Output for Power Failure
- Rack Mount
- Industrial Temperature Version, IP40 Protection
- 95-245VAC Voltage
- Compliance with CE, FCC, ROHS
- Nc PoE or PoE+ Selectable

26 ports gigabit industrial managed switches

HEF7224GM-2SFP is a Layer 2, network managed Industrial Ethernet Fiber Switch with twenty-four(24)10/100/1000Base-T/TX ports and two (2) 1000M selectable SFP options. Units feature MDI / MDIX Full / Half Duplex Auto-Negotiation, 10/100/1000Base Auto-sensing and compatibility with major Network Protocols. The optical ports operate at a 100Mbps or 1000Mbps Ethernet rate. Redundant ring, plug-and-play performance, ensures ease of installation; no user electrical or optical adjustments are required. Features included are advanced network management functions as QoS, VLAN, IGMP, snooping / GMRP, Port Trunking, SNMP V1/V2/V3 RTSP/STP and LLDP; low power consumption, LED indicators for monitoring equipment link, operating status activity and auto resettable voltage transient fuses. The Series HEF7224GM-2SFP is outstanding products in transmission of 10/100/1000Mbps Ethernet signals for industrial Layer 2 Managed Network Installation.

HEF7224GM-2SFP Series

Product Dimensions



(Unit) : mm

Specifications

DATA

Data Interface: 24 x 10/100/1000Base -T/TX, RJ-45 ports
Data Rate: 10/100/1000Mbps

SWITCH PROPERTIES

MAC Table: 8K
Switching Delay: <96μs
Packet Buffer: 4Mbit
Processing Type: Store and Forward
Port Locking Address: For Authorized only
Priority queues: 4
Maximum # of VLANs: 4096
IGMP groups: 256

POE PARAMETERS

Power of PoE+: 48V, 30W

CONNECTORS

Optical: SFP Dependent
Power: Terminal Block
Electrical: 24 x RJ-45
Management Console: RJ-45

OPTICAL PARAMETERS

Fiber Type: Depend on SFP modules
Wavelength Multimode: Depend on SFP modules
Wavelength Single-mode: Depend on SFP modules

ALARM RELAY

Power Failure Relay: 1A @24VDC

ELECTRICAL/MECHANICAL

Input Power: 95 ~245VAC with dual input
Power Consumption: 770W Max with PoE+ or on all ports 50W Max without PoE+
Rev. Connect/Redundancy: Support
Overload Circuitry: Support
Housing / Protection Class: Aluminum
Dimensions (W×H×D): 18.98 x 12.0 x 1.73in(482 x 305 x 44mm)
Weight: 3500g
Installation: Rack mount

ENVIRONMENTAL

Operating Temp: -40°F to 185°F; -40°C to 85°C
Storage Temp: 58°F to 212°F; -50°C to 100°C
Relative Humidity: 5 - 95% non-condensing
MTBF: 411,000 hrs

REGULATORY APPROVALS

EMI: FCC Part 15, EN55022 Class A
EMS: IEC61000-4-2, 4.3, 4.4, 4.5 IEC61000-4-6, 4.8, 4.9, 4.10 4.11
Vibration: IEC60068-2-6
Shock: IEC60068-2-27
Free Fall: IEC60068-2-32
Industrial: IEC61000-6-2, IEC61850-3
Safety: CE/EN60950
Compliance: ROHS
MIB: MIB-II, Ethernet-like MIB, P-BRIDGE MIB, Q-BRIDGE MIB, Bridge MIB, Private MIB, RMON MIB Group1, 2, 3, 9

Ordering Information

MODEL	DESCRIPTION	FIBER Port	COPPER PORT	PoE+	DISTANCE
HEF7224GM-2SFP	24x 10/100/1000Base-T/Tx Ports, 2 x 1000M SFP Slots	2	24	-	See SFP options for optional distances, fiber type and connector type.
HEF7224GM-2SFP-24PoE+	30W PoE+ 24x 10/100/1000Base-T/Tx Ports, 2 x 1000M SFP Slots	2	24	24	