

# HEF5208GM-2SFP Series



## Features

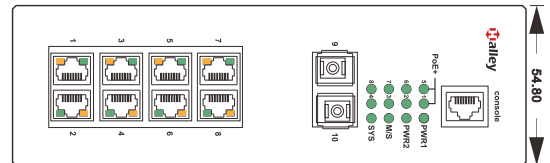
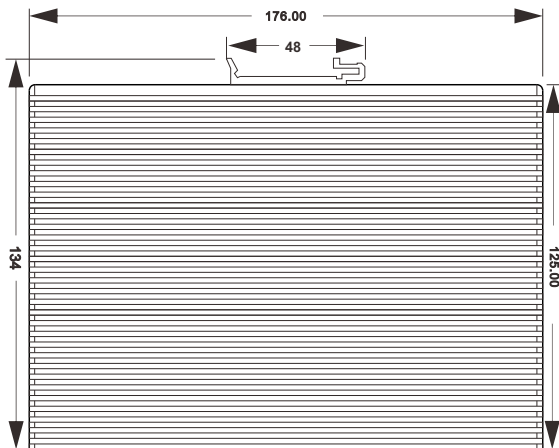
- IEEE802.1x Compatible
- Layer 2 Network Managed Switch
- Eight (8) 10/100/1000BASE-T/TX Copper Ports
- Two (2) 1000Mbps SFP Ports
- Redundant Ring with <20ms Link Switchover
- Network Standards: IEEE802.3 10BaseT, IEEE802.3u 100BaseT/TX and 1000BaseFX, IEEE802.3x Flow Control, IEEE1588PTP, IEEE1000Base-x, 1000Base-x
- Network Protocols: IGMP V1/V2/V3, GMRP, GVRP, SNMP V1/V2C/V3, DHCP, TFTP, SNTP, 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
- Din-rail, Wall Mount, fan-less Aluminum Enclosure
- Industrial Temperature Version
- 12-55VDC Voltage, Dual (2) Inputs
- Compliance with CE, FCC, ROHS
- PoE+ Selectable

## 10 ports gigabit industrial managed switches

The Series HEF5208GM-2SFP is a Layer 2, network managed Industrial Ethernet Fiber Switch with eight (8) 10/100/1000Base-T/TX ports and designed to transmit and receive 10/100/1000Mbps data over two 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. Additionally, they are designed with DINRail or Wall mount, fan-less, Aluminum enclosures in industrial extended temperature version. With dual (2) redundant inputs 12- 55VDC voltage, the Series HEF5208GM-2SFP are outstanding products in transmission of 10/100/1000Mbps Ethernet signals for industrial Layer 2 Managed Network Installation.

# HEF5208GM-2SFP Series

## Product Dimensions



( Unit ) : mm

## Specifications

### DATA

Data Interface: 8 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
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### CONNECTORS

Optical: SFP Dependent
Power: Terminal Block
Electrical: 8 x RJ-45
Management Console: RJ-45

### OPTICAL PARAMETERS

Fiber Type: Depend on SFP modules
Wavelength Multimode: Depend on SFP modules
Wavelength Singlemode: Depend on SFP modules

### ALARM RELAY

Power Failure Relay: 1A @24VDC
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### ELECTRICAL/MECHANICAL

Input Power: 12-55VDC with dual input
Power Consumption: 270W Max with PoE+ or all ports 30W Max without PoE+
Rev. Connect/Redundancy: Support
Overload Circuitry: Support
Housing / Protection Class: Aluminum, fan-less
Dimensions (W×H×D): 2.2x 6.9 x 5.3in(55.8 x 176 x 134mm)
Weight: 1065g
Installation: DIN-Rail / Wall 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
HEF5208GM-2SFP	8x 10/100/1000Base-T/Tx Ports, 2 x 1000M SFP Slots	2	8	-	See SFP options for optional distances, fiber type and connector type.
HEF5208GM-2SFP-8POE+	30W PoE+ 8 x 10/100/1000Base-T/Tx Ports, 2 x 1000M SFP Slots	2	8	8	