HES8MA-T/HES8MB-T Series

8-port 100M Layer 2 Managed Ethernet Switch

Features:

- 8 × 10/100BaseT(X) (RJ45 Connector)
- IGMP Snooping and IEEE 802.1Q VLAN Supported
- STP/RSTP/MSTP, DuraRing™ Redundant Network Supported
- SNMPv1/v2c/v3 Supported
- Supports Port Speed Limit, Broadcast Storm Suppression, Multicast Storm Suppression, and Unknown Unicast Storm Suppression
- -40 ~ 75°C Working Temperature Available

Introduction:

HES8MA-T/HES8MB-T Series is an 8-port 100M managed Ethernet switch. This series supports 8 fixed 10/100Base-T(X) Ethernet interfaces and one console port for CLI management. It adopts low power consumption, fanless design to ensure no noise interference. -40°C ~ 75°C wide operating temperature is supported. Good EMC electromagnetic compatibility performance ensures stable operation in harsh industrial environments, and providing safe and reliable solutions for the establishment of fast and stable network terminal access networks in industrial application fields such as factory automation, intelligent transportation, and video surveillance.

Specification:

Ethernet Interface	
10/100BaseT(X) Ports (RJ45 Connector)	8 (Full/Half Duplex Mode; Auto MDI/MDI-X Adaptive; Auto Negotiation Speed)
Standard	EEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.10, IEEE802.1P, IEEE802.1D, IEEE802.1W, IEEE802.1s, IEEE802.1x, IEEE802.3ad, lEEE802.1ad
Ethernet Software Features	
Industrial Protocols	ARP, ICMP, TCP, HTTP, HTTPS, Telnet, STP/RSTP/MSTP, VLAN, LLDP, DuraRing™, ACL, IGMP-Snooping, SNMPv1/v2c/3, DHCP Server, NTP, Syslog, Link Flap, UDLD, RMON, LACP, DHCP
Flow Control	IEEE802.3x Flow Control, Backpressure Flow Control
LED Interface	
LED Indicators	PWR, RUN, ALM, RJ45 Indicators
Power Parameters	
Input Voltage	12/24/48 VDC (10.8~52.8 VDC)
Power Consumption	Max. 150 mA @ 24V
Switching Performance	
100M Ports	148,810 pps
Transmission Mode	Store and Forward

Predision™

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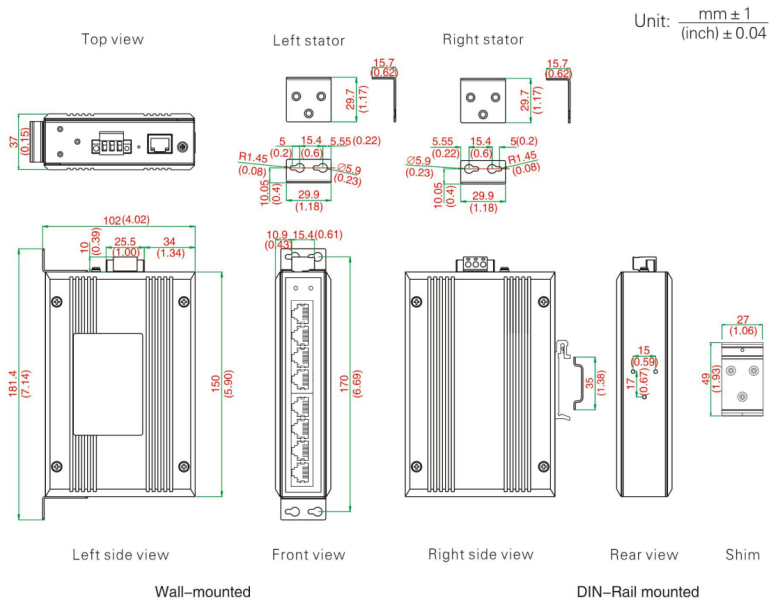
MAC Table Size	2 K	
Packet Buffer Size	1 Mb	
Backplane Bandwidth	2G	
Max. Frame Length	1632B	
Physical Characteristics		
IP Rating	IP40	
Dimension (W x D x H)	37 x 100 x 150 mm	
Weight	850 g	
Installation	DIN-Rail Mounted	
Environmental Limits		
Operating Temperature	HES8MB-T: -10°C to 60°C	HES8MA-T: -40°C to 75°C
Storage Temperature	-40°C to 85°C	
Relative Humidity	5% ~ 95% (No Condensation)	
Standards and Certifications		
EMI	FCC Part15, CISPR (EN55022) Class A	
EMS	EN61000-4-2(ESD) Level 3, EN61000-4-3(RS) Level 3, EN61000-4-4(EFT) Level 3, EN61000-4-5(Surge) Level 3, EN61000-4-6(Radio Frequency Transmission) Level 3, EN61000-4-8 (Power Frequency Magnetic Field) Level 3	
Vibration	IEC 60068-2-6	
Shock	IEC 60068-2-27	
Freefall	IEC 60068-2-32	
Warranty		
Warranty Period	5 Years	

Dimension Drawing:



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Ordering Information

HES8MA-T	Din-rail Layer 2 Managed, 8 x 100Mbps Copper Port, Industrial Temperature -40 ~ 75 °C, Dual Power Supply 10.8 ~ 52.8VDC
HES8MB-T	Din-rail Layer 2 Managed, 8 x 100Mbps Copper Port, Industrial Temperature -10 ~ 60 °C, Dual Power Supply 10.8 ~ 52.8VDC
Other Models Are Available Upon Request.	