

HFD Series

DIN Rail Managed Industrial Ethernet Switches



Fast Managed Ethernet Switches

- * RingOn™ Redundant Ring Technology, Recovery Time within 15ms, Supports RSTP/STP
- * Enriched Management Features: QoS, IGMP snooping/GMRP, VLAN, SNMP V1/V2/V3
- * Multiple Redundant AC/DC Power Choices
- * Upgraded EMI Immunity
- * Enclosure color: Blue or Black

Specifications

*** Technology**

Network Standards:

IEEE802.3 10Base-T

IEEE802.3u 100BaseT(X), 100BaseFX

IEEE802.3x Flow Control

IEEE802.1p Classe of Service

IEEE802.1Q VLAN Tagging

IEEE802.1ad LACP

Processing Type:Store and Forward

MAC Address:8k MAC Address Table

Management:by Web Browser

RingOn™:Recovery Time within 15ms

Broadcasting Storm Control:Automatic

Flow Control:Full/Half Duplex Back Pressure Flow Control

Protocols:SNMP V1/V2/V3, DHCP Server, SNTP, SMTP, IGMP Snooping/GMRP, LACP, RMON, HTTPS, Telnet, Syslog, HTTP

*** Switch Properties**

Priority Queues:4

IGMP Groups:64

Max. Available VLANs:256

VLAN ID Range:1~4096

*** Interface**

RJ45 Port Connectors:10/100Base Auto-sensing, Full/Half Duplex MDI/MDI-X Auto-Negotiation

Fiber Port Connectors:100BaseFX, SC or ST connectors, Single-Mode or Multi-Mode

LED Indicators:Power, Port Status

Console Port:DB9 male

Output Warning:Relay, Standard 2 Pin, 0.5A@24VDC

*** Power Requirements**

Low Voltage Range:12~36VDC; 10~24VAC

High Voltage Range:200~350VDC; 165~265VAC

Connection:Standard 4 Pin Dual Power Connector

*** Optical Fiber**

Mod e	Typical Dist	Wavele ngth	Cable Size	TX Power	Rx Sensitivity	Transmission speed
Mult i	2km	1310nm	62.5/125 um	-23.5~-14dBm	< -35dBm	10/100Mbps
Sing le	15km	1310nm	9/125um	-15~-8dBm	< -35dBm	10/100Mbps

*** Physical Characteristics**

Case:Slim Metal Case, IP40 Design

Dimensions:(W×H×D):

HFD8M:49×139×115mm

HFD16M:70×149×130mm

HFD24M:91×149×130mm

DIN Rail or Panel Mounting

*** Environment Limits**

Standard Temp Models:-10°C to 60°C

Extended Temp Models:-40°C to 75°C

Storage Temperature:-40 to 85°C

Ambient Relative Humidity: 10 to 95%(Non-condensing)

* Ordering Information

Product Model		Connectors		
Standard Temperature Models(-10℃~60℃)	Extended Temperature Models(-40℃~75℃)	10/100Bas eT(X)	100BaseFX	
			Multi-mode, SC Connectors	Single-mode, SC Connectors
HFD8M Series				
HFD8M	HFD8M-W	8		
HFD8M-2SC	HFD8M-2SC-W	6	2	
HFD8M-2SSC	HFD8M-2SSC-W	6		2
HFD8M-4SC	HFD8M-4SC-W	4	4	
HFD8M-4SSC	HFD8M-4SSC-W	4		4
HFD16M Series				
HFD16M	HFD16M-W	16		
HFD16M-2SC	HFD16M-2SC-W	14	2	
HFD16M-2SSC	HFD16M-2SSC-W	14		2
HFD16M-4SC	HFD16M-4SC-W	12	4	
HFD16M-4SSC	HFD16M-4SSC-W	12		4
HFD24M Series				
HFD24M	HFD24M-W	24		
HFD24M-2SC	HFD24M-2SC-W	22	2	
HFD24M-2SSC	HFD24M-2SSC-W	22		2
HFD24M-4SC	HFD24M-4SC-W	20	4	
HFD24M-4SSC	HFD24M-4SSC-W	20		4
HFD24M-6SC	HFD24M-6SC-W	18	6	
HFD24M-6SSC	HFD24M-6SSC-W	18		6