

HFD10M-2G/18M-2G/28M-4G Series

DIN Rail Industrial Gigabit Managed Ethernet Switches



Datasheet

- * Up to 4 Gigabit Combo Ports
- * 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

Specifications

*** Technology**

Network Standards:

- IEEE802.3 10Base-T
- IEEE802.3u 100BaseT(X) and 100BaseFX
- IEEE802.3ad 1000Base(X)
- IEEE802.3z 1000BaseSX/LX/HLX/ZX
- IEEE802.3x Flow Control
- IEEE802.1p Classe of Service
- IEEE802.1Q VLAN Tagging
- IEEE802.1ad LACP
- IEEE802.1D for Spanning Tree Protocol

IEEE802.1W for Rapid STP

IEEE802.3X for Authentication

Broadcasting Storm Control:Automatic

Processing Type:Store and Forward

Management:by Web Browse

RingOn™:Recovery Time within 15ms

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(X) or 10/100/1000BaseT(X) Auto-Negotiation

Fiber Port Connectors:1000BaseSX/CX/LHX/ZX(SFP slots, LC connectors)

LED Indicators:Power, Port Status, 10/100/1000M

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**

Mode	Typical Dist	Wavele ngth	Cable Size	TX Power	Rx Sensitivity	Transmission speed
Multi	2km	1310nm	62.5/125 um	-23.5~-14dBm	< -35dBm	10/100/1000M bps
Singl e	15km	1310nm	9/125um	-15~-8dBm	< -35dBm	10/100/1000M bps

* **Physical Characteristics**

Case:Slim Metal Case, IP40 Design

Dimensions:(W×H×D):

HFD10M-2G:89×144×125mm

HFD18M-2G:70×149×130mm

HFD28M-4G:91×166×130mm

DIN Rail or Panel Mounting

* **Environment Limits**

Standard Temp Models:-10 to 60°C

Extended Temp Models:-40 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℃)	10/100/1000BaseT(X) Or 1000Base SFP	10/100 BaseT(X)	100BaseFX	
				MM, SC Connectors	SM SC Connectors
HFD10M-2G Series					
HFD10M-2G	HFD10-2G-W	2	8		
HFD10M-2G-2SC	HFD10-2G-2SC-W	2	6	2	
HFD10M-2G-2SSC	HFD10-2G-2SSC-W	2	6		2
HFD10M-2G-4SC	HFD10-2G-4SC-W	2	4	4	
HFD10M-2G-4SSC	HFD10M-2G-4SSC-W	2	4		4
HFD18M-2G Series					
HFD18M-2G	HFD18M-2G-W	2	16		
HFD18M-2G-2SC	HFD18M-2G-2SC-W	2	14	2	
HFD18M-2G-2SSC	HFD18M-2G-2SSC-W	2	14		2
HFD18M-2G-4SC	HFD18M-2G-4SC-W	2	12	4	
HFD18M-2G-4SSC	HFD18M-2G-4SSC-W	2	12		4
HFD28M-4G Series					
HFD28M-4G	HFD28M-4G-W	4	24		
HFD28M-4G-2SC	HFD28M-4G-2SC-W	4	22	2	
HFD28M-4G-2SSC	HFD28M-4G-2SSC-W	4	22		2
HFD28M-4G-4SC	HFD28M-4G-4SC-W	4	20	4	
HFD28M-4G-4SSC	HFD28M-4G-4SSC-W	4	20		4
HFD28M-4G-6SC	HFD28M-4G-6SC-W	4	18	6	
HFD28M-4G-6SSC	HFD28M-4G-6SSC-W	4	18		6