

HFD12M-4G

DIN Rail Industrial Gigabit Managed Ethernet Switch



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 20ms
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
Mult i	2km	1310nm	62.5/125 um	-23.5~-14dBm	< -35dBm	10/100/1000M bps
Sing le	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)

Your Cost-effective choice!