

HUS-HDM-F82SPp

Hardened Grade Unmanaged 8-port 10/100/1000Base-TX (PoE+) + 2-port 1000Base-SFP Ethernet Switch with Redundant DC Power Inputs



Features

- 8 10/100/1000Base-TX + 2 1000Base-SFP
- Supports IEEE802.3az energy-saving technology
- Supports Full/Half-duplex, Auto-negotiation, Auto MDI/MDIX
- 9K Bytes Jumbo Frame
- Supports Broadcast Storm Control
- Supports 802.3x Flow control
- 10/100/1000Mbps RJ45 Port
- Supports external 1000Base-SFP
- Supports IEEE 802.3at PoE+ (30W)
- 2M bits frame buffer memory
- Supports Wall-mount and DIN-Rail installation
- Redundant Power Inputs
- -40°C to 75°C (-40°F to 167°F) operating temperature

Specifications

Ethernet

Standards	IEEE802.3 IEEE802.3u IEEE802.3x IEEE802.3z IEEE802.3az IEEE802.3ab IEEE802.1q IEEE802.1x
Processing Type	Store and forward
Forward Filter Rate	14,880pps (10Mbps) 148,800pps (100Mbps) 148,8000pps (1000Mbps)
Cabling	10Base-TX Cat5 or above 100Base-TX: Cat5 or above 1000Base-TX: Cat5 or above
Packet Buffer Memory	2Mbits
Max Packet Length	9216 Bytes
Address Table Size	4K
Switch Fabric	20Gbps

Interface

RJ45 port	10/100/1000Mbps-Full/Half-duplex, Auto-negotiation, Auto MDI/MDI-X
POE port	IEEE 802.3af/at, PoE (30W) , 1/2(+), 3/6(-)
SFP Port	1000Base-SFP (Suggest HEPDA SFP)
LED Indicators	Power; Link; PoE

Optical

SFP Port 1000Mbps

Electrical & Mechanical

Input Power DC9-56V (Terminal block, Redundant power)
input voltage for PoE: DC48-56V (suggest 56V))

Power Consumption 245W, 5.1A@48VDC (PoE in use)
5W, Max. 0.1A@48VDC (PoE not in use)

Connector 1 removable 6-contact terminal blocks
Pin 1/2 for Power 1, Pin 3/4 for Power 2, Pin 5/6 for fault alarm

Dimensions 138 x 108 x 49 mm

Weight 650g

Casing Aluminium Case

Mounting Options DIN-Rail and Wall Mount

Environmental

Operation Temperature -40°C to 75°C (-40°F to 167°F)

Storage Temperature -40°C to 85°C (-40°F to 185°F)

Relative Humidity 5% to 90% non-condensing

MTBF >100,000 hrs

Regulatory Approvals

EMC CE (EN55032, EN55035)

EMI FCC Part 15 Subpart B

EMS EN61000-4-2 (ESD) EN61000-4-3 (RS)
EN61000-4-4 (EFT) EN61000-4-5 (Surge)

Surge Protection EN61000-4-6 (CS) EN61000-4-8 (PFMF) EN61000-4-11

Shock 8KV for PoE, RJ-45 and SFP ports

Freefall IEC60068-2-27

Vibration IEC60068-2-32
IEC60068-2-6

Ordering Information

Available Model

Description

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Optional Accessories (to be purchased separately)

SFP (S)=SFP Option. Please select your SFP on our SFP Modules page for details.

Power supply Recommended power supply: NDR-240-48, NDR-480-48. Please refer to the Power Adaptors and Power Supply page for more information.

Package Checklist

- Unmanaged PoE Switch x1
- Din Rail Clip x1
- Quick Installation Guide x1

