

HUS-HDM-F82SPp9

Hardened Grade Unmanaged 8-Port 10/100/1000Base-TX (PoE+) + 2Port 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 802.3bt (95W)
- 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 IEEE802.3bt Power over Ethernet
Processing Type	Store and forward
Forward Filter Rate	14,880pps (10Mbps) 148,800pps (100Mbps) 148,800pps (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 802.3bt (95W), 1/2(+), 4/5(+), 3/6(-), 7/8(-)
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: DC52-56V (suggest 56V)

PoE Power Maximum 95W per port

Total PoE Output 480W

Power Consumption Max. 5W (without PoE); Max. 485W (with PoE)

Connector 1 removable 6-contact terminal blocks

Dimensions Pin 1/2 for Power 1, Pin 3/4 for Power 2, Pin 5/6 for fault alarm

Weight 138 x 108 x 49 mm

Casing 650g

Mounting Options Aluminium Case
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)
EN61000-4-6 (CS) EN61000-4-8 (PFMF) EN61000-4-11

Surge Protection 8KV for PoE, RJ-45 and SFP ports

Shock IEC60068-2-27

Freefall IEC60068-2-32

Vibration IEC60068-2-6

Ordering Information

Available Model

HUS-HDM-F82SPp9

Description

Hardened Grade Unmanaged 8-Port 10/100/1000Base-TX (PoE++) + 2 Port
1000Base-SFP Ethernet Switch

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-440-48. Please refer to the Power Adaptors and
Power Supply page for more information.

Package Checklist

- Unmanaged PoE Switch x 1
- DIN-Rail Clip x 1
- Quick Installation Guide x 1



Hepda Pte Ltd, 2024

Due to continuous improvement, all product specifications are subject to change without further notice.