

HUS-IDM-F21SPp

Industrial Grade Unmanaged 2-port 10/100/1000Base-TX (PoE+) + 1-port 1000Base-SFP Ethernet Switch with Redundant DC Power Inputs



Features

- 2 10/100/1000Base-TX + 1 1000Base-SFP
- Supports Full/Half-duplex, Auto-negotiation, Auto MDI/MDIX
- Supports 802.3x Flow control
- 10/100/1000Mbps RJ45 Port
- Supports external 1000Base-SFP
- Supports IEEE 802.3at PoE+ (30W)
- 1M bits frame buffer memory
- Supports Wall-mount and DIN-Rail installation



Specifications

Ethernet

Standards	IEEE802.3 IEEE802.3i IEEE802.3u IEEE802.3ab IEEE802.3z IEEE802.3x IEEE802.3af/at
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: Cat6 or above
Packet Buffer Memory	1Mbits
Max Packet Length	1518 Bytes
Address Table Size	8K
Switch Fabric	10 Gbps

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
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Electrical & Mechanical

Input Power	DC48-56V (Suggest 56V), Terminal block, Redundant power
Power Consumption	65W, 1.35A@48VDC (PoE in use) 5W, Max. 0.1A@48VDC (PoE not in use)
Dimensions	118 x 86 x 39 mm
Weight	360g
Casing	Aluminium
Mounting Options	DIN-Rail and Wall Mount

Environmental

Operation Temperature	-10°C to 60°C (14°F to 140°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Relative Humidity	5% to 90% non-condensing
MTBF	> 200,000 hrs

Regulatory Approvals

FCC Part 15, Subpart B
ANSI C63.4: 2014
EN60950-1:2006+A2:2013
RoHS

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: EDR-75-48. 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.