DIGITUS® 10/100/1000Base-TX (PoE) to 1000Base-FX Industrial Media Converter

DN-652104-1

EAN 4016032488217



Industrial Gigabit Ethernet PoE+ Media Converter SFP Open Slot, without SFP Module, PSE, 802.3at

Digitus DN-652104-1 10/100/1000 Base-TX(PoE) to 1000 Base-FX Industrial Media Converter, extends communication distance with stable performance via fiber optic wire. It feeds up 30W PoE max. The Digitus DN-652104-1 is specifically equipped with durable components and strong housing case to operate reliably in electrically harsh and climatically demanding environments. The industrial level media converter provides a high level of immunity to electromagnetic interference and heavy electrical surges which are usually found on plant floors or traffic control cabinets on sidewalk. Being able to operate under the temperature range from -40⊠ to 80⊠ allows the Switch to be placed in almost any difficult environment. Digitus DN-652104-1 10/100/1000 Base-TX to 1000 Base-FX Industrial Media Converter series efficiently converts data between 10/100/1000 Base-TX and 1000 Base-FX network. The Digitus DN-652104-1 provides the flexibility to all kinds of 10/100/1000 Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance. The Digitus DN-652104-1 is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space. It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 48V DC to 57V DC power supply inputs for high availability applications requiring dual or backup power inputs.

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- The use of high quality photoelectric integration module to provide good optical and electrical characteristics
- Ensure reliable data transmission and long working life
- Support full duplex or half duplex mode, with automatic negotiation capability
- Network port support automatic cross identification
- Internal storage and forwarding mechanism, support a variety of protocols
- In line with industrial operating standards, the average trouble-free work in more than 300,000 hours
- Working power supply: DC 48-57V to provide reverse protection
- Interface: 1-port 10/100/1000 Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X function, supplying 30W PoE, compatible with 802.3at/at
- 10/100/1000 Base-TX Port: 1 port RJ-45 auto-MDI / MDI-X
- PoE Standard: IEEE802.3af/ IEEE802.3at
- PoE ports: +1 Port PoE
- Power Output: Max. 15.4 watts (IEEE 802.3af), Max. 30 watts (IEEE 802.3at)
- PoE port Auto detect af/at devices
- Output Voltage: DC48V
- Power Pin Assignment: 1/2+;3/6-
- Power Type: End-span(Mid-span optional)
- 1000 Base-FX Port: SFP Slot
- Optical Frequency: Vary on module
- Performance Specification: Bandwidth: 14 Gbps, Packet Buffer Memory:1.2 Mbit, Packet Forwarding Rate:10.5 Mpps, MAC Address Table: 2K
- Installation: DIN rail
- Maximum Frame Size: 9000 bytes packet size
- Flow Control: Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
- Enclosure: IP40 aluminum housing
- LED Indicator: Power: Red, Fiber: Link 2(Green), Ethernet: Yellow
- Power Input: 48 to 57V DC redundant power
- Power Consumption: < 3 watts (excluded PoE)
- Surge protection: ±4KV
- "Network Protocols: IEEE802.3i 10 Base-T; ⊠IEEE802.3u;100 Base-TX/FX; ⊠IEEE802.3ab 1000 Base-T; ⊠IEEE802.3z 1000 Base-X; IEEE802.3x"
- "Network cables: 10 BASE-T: Cat3,4,5 UTP(⊠100 meter), ⊠100 BASE-TX: Cat5 or later UTP(⊠100meter),⊠1000 BASE-TX: Cat6 or later UTP(⊠100 meter)"
- "Industry Standard: FCC CFR47 Part 15,EN55032, Class A,⊠IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air),⊠IEC61000-4-3 (RS): 10V/m (80~1000MHz),⊠IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV,⊠IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV,⊠IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz),⊠IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)"
- Certification: CE FCC Rohs compliance
- MTBF: >300,000hours
- Dimensions (W x D x H): 118x 92.4 x 40 mm
- Weight: Product Weight: 0.4KG, Packing Weight: 0.53KG
- Working Environment: Working temperature: -40⊠80⊠, Storage temperature: -40⊠80⊠, Relative Humidity: 5%~95 %(no condensation)

Attributes

- Connector 1: SFP
- Connector 2: SFP
- Mode: Depending on module
- Connector: RJ45

- Distance (km): Depending on module
- DDM Support: no
- Industrial usage: yes
- Broadcasting Mode: Depending on module
- PoE injector: yes

- Ethernet speed: Gigabit

Package contents

- Industrial Media Converter
- User manual

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	24	14.40	46.50	39.50	24.00	44,082.00
Packaging Unit Inside	1	0.60	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.60	5.40	13.50	16.50	1,202.85
Net single without Packaging	1	0.46	3.40	8.60	12.80	0.00

More images:









Safety notes

- Avoid direct contact with light sources: Fiber optic cables, especially those with active light sources such as lasers (e.g. in optical communication systems), can emit dangerous radiation that can damage
- eyes. Take care never to look directly into the light of an optical fiber, even if the light source is invisible to the naked eye.
- When working with fiber optic cables, especially during tests or when working with lasers, protective goggles should always be worn to protect against harmful radiation.
- When plugging and unplugging the cable, only grasp the plug and do not pull directly on the cable.
- Do not kink or crush: Fiber optic cables are sensitive to mechanical stress.

- To protect cables from physical damage, they should be laid in special ducts or with protective materials
- Keep cable connectors clean: Fiber optic cables are sensitive to dust and dirt. Even small particles on the connectors can severely impair the signal quality.
- Cables should not be used in environments with extremely high or very low temperatures. Observe the product information on the maximum operating temperature of the cable
- Check cables regularly for visible damage

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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