ECU101-1F

Slide-in Mounting

2-port 100M Industrial Media Converter Unmanaged Daughter Card

- Support 1 100M copper port and 1 100M fiber port
- Input voltage: 12VDC
- Support -30~60℃ wide temperature range operation
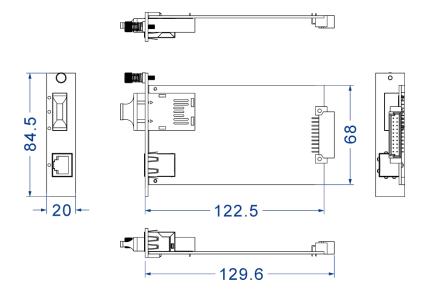
Introducton

ECU101-1F is 100M industrial media converter unmanaged daughter card. The product provides 100M copper port and fiber ports. It adopts slide-in mounting and could be used matching with the media converter rack RACK2100.

The series adopt industrial grade design and support IEEE802.3/802.3u standard. Its copper port supports 10/100M, full/half duplex, MDI/MDI-X self-adaption, store-and-forward and cut-through mode setting.

The DIP switch could implement functions like LFP alarm, cut-through/store-and-forward modes and flow control. When the LFP function is turned on and the port has link failures, the LFP indicator would be bright to send alert, offering quick troubleshooting on the scene. Hardware adopts low power consumption, wide temperature and voltage design and has passed rigorous industrial standard tests, which can suit for the industrial scene environment with harsh requirements for EMC. It can be widely used in smart grid, railway transportation, smart city, safe city, new energy, aerospace, intelligent manufacturing, military project and other industrial fields.

Dimension

Unit:mm

Specification

Standard & Protocol	IEEE 802.3 for 10BaseT IEEE 802.3u for 100Base-TX and 100Base-FX IEEE 802.3x for Flow Control
Interface	Copper port: 10/100Base-T(X), RJ45, Automatic Flow Control, Full/Half Duplex Mode, MDI/MDI-X Autotunning Fiber port: 100Base-FX , SC/ST/FC optional
LED Indicator	STA Running Indicator, Port Indicator, LFP Indicator
Switch Property	Transmission mode: store-and-forward or cut-through MAC address: 1K Packet buffer size: 0.28M Backplane bandwidth: 0.6G Switch time delay: < 10μs
Power Supply	Input voltage: 12VDC
Power Consumption	No-load: 1.10W@12VDC Full-load: 1.52W @12VDC
Operating Environment	Operating temperature range: -30~60℃ Storage temperature range: -30~60℃ Relative humidity: 5% ~ 95% (no condensation)
Physical Characteristic	Installation: slide-in mounting Weight: 60g Dimension (W x H x D): 84.5mm×20.0mm×122.5mm
Certification	CE, FCC, RoHS
Warranty	5 years

Ordering Information

Available Models	100M Copper Port	100M Fiber Port	Power Supply
ECU101-1F	1	1	12VDC

Address: 3/B, Zone 1, Baiwangxin High Technology Industrial Park, Song Bai Road, Nanshan District, Shenzhen, 518108, China

TEL.: +86-755-26702668 ext 835 FAX: +86-755-26703485

E-mail: ics@3onedata.com

Website: www.3onedata.com

◀ Please scan our QR code for more details

Honor・Quality・Service