3onedata
Reliable Connections

Model3012-C1

Slide-in Mounting
Gigabit Rack Card of Media Converter

- Support 1 Gigabit copper port and 1 Gigabit fiber port
- Input voltage 5VDC
- Support -10~60℃ wide temperature range operation



Introduction

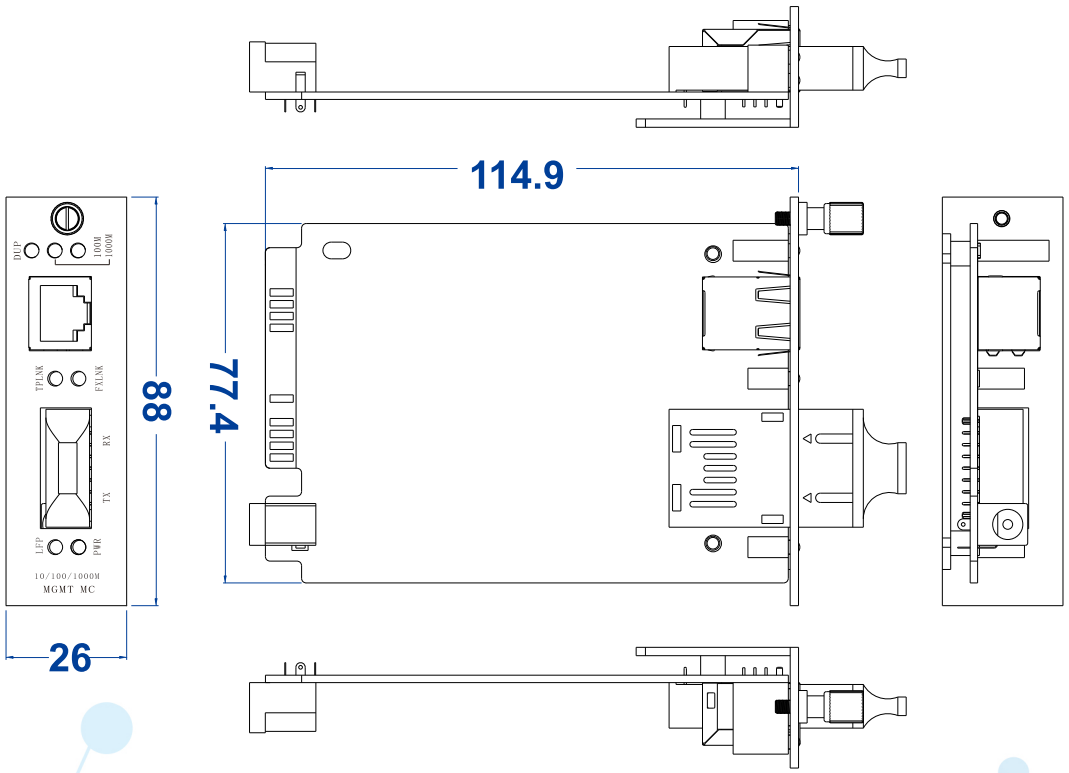
Model3012-C1 is Gigabit rack card of media converter. The product supports Gigabit copper port and Gigabit fiber port. It adopts slide-in mounting and could be used with the media converter rack RACK2000B.

The product supports IEEE802.3/802.3u/802.3x/802.3ab standards. Its copper port supports 10/100/1000M, full/half duplex and MDI/MDI-X self-adaption. It could realize data communication between 10/100/1000Base-T(X) twisted pair and 1000Base-FX optical cable, which can extend transmission distance and has good isolation protection and data security.

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, intelligent manufacturing 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 802.3ab for 1000Base-T IEEE 802.3z for 1000Base-X
Interface	Copper port: 10/100/1000Base-T(X), RJ45, Automatic Flow Control, Full/Half Duplex Mode, MDI/MDI-X Autotunning Fiber port: 1000Base-FX, optional SC/ST/FC
LED Indicator	Copper port connection status indicator, copper port duplex mode indicator, fiber port connection status indicator, power supply connection status indicator, copper port 100M speed indicator, copper port Gigabit speed indicator
Switch Property	Transmission mode: store-and-forward Switch time delay: < 10μs Mac address: 1K Packet buffer size: 12KB Backplane bandwidth: 4G
Power Supply	Input voltage: 5VDC
Power Consumption	No-load: ≤1.55W@5VDC Full-load: ≤2.35W@5VDC
Operating Environment	Operating temperature range: -10~60℃ Storage temperature range: -20~70℃ Relative humidity: 5%～95% (no condensation)
Physical Characteristic	Installation: slide-in mounting Weight: 0.05kg Dimension (W x H x D): 114.7mm×77.4mm×26mm
Certification	CE, FCC, RoHS

Ordering Information

Available Models	Gigabit Copper Port	Gigabit Fiber Port	Power Supply
Model3012-C1	1	1	5VDC

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