IT-PMC-3011

10/100/1000M Ethernet SFP Media Converter

Features

1. Accord to IEEE802.1 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX, IEEE802.3z 1000Base-SX/LX.
2. MDI/MDI-X auto negotiation, 10M/100M/1000M auto negotiation.
3. Supports full /half duplex, Point-to-point transparent transfer.
4. With one SFP slot.
5. Plug-and-play, easy to installation.
6. Can insert to 2U 19", 14 slots Rackmount (power external).

Introduction

IT-PMC-3011, 10/100/1000Mbps adaptive Gigabit Ethernet fiber converter uses the switching technology to conduct media conversion, which meets the standards of IEEE802.3, IEEE802.3u, IEEE802.3z and IEEE802.3ab. This kind of media converter supports two types of media network connections: 10Base-T/100Base-TX/1000Base-T and 1000Base-SX/LX. IT-PMC-3011 can conduct mutual conversion between 10Base-T/100Base-TX/1000Base-T twisted pair electrical signals and 1000Base-SX/LX optical signals. This media converter extends the transmission distance of a network from 100m over copper wires to 120 Km. This media converter supports transmission in dual-fiber multi-mode, dual-fiber single-mode, SFP style fiber-optic connections.

Specifications

Standards: comply with IEEE802.1 10Base-T, IEEE802.3u 100Base-TX, IEEE 802.3ab 1000Base-TX, IEEE802.3z 1000Base-SX/LX standards

RJ45 port rate: 10/100/1000Mbps auto negotiation

Optic port rate: 1000Mbps

Transfer distance: RJ45port: 100m

Fiber optic: 20, 40, 60, 80, 100, 120km (SM),

550m (MM) optional

RJ45 port cable: UTP 5E

Fiber connector: LC

Fiber optic cables: Single Mode:8.3/125,8.7/125,9/125 or 10/125 um

Multi-Mode: 62.5/125, 50/125 um

Wavelength: 850nm, 1310nm, 1550nm

Power

Power supply: External (5VDC), optional

Consumption: 4W

Environment

Operating temp:-10°C to 65°C

Storage temperature: -20 to 70°C

Operating humidity: 5% to 95% (no condensation)

Appearance

Dimensions: 94.0×71.0×26.0mm (Power External)
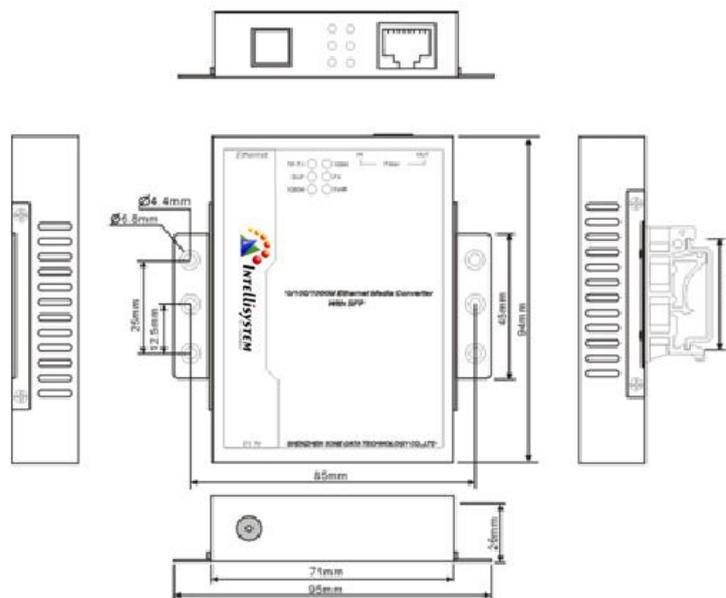
Shell: Iron

Color: White

Weight: 230g (power external)

Warranty: 5 years

Approvals: FCC, CE, RoHS approvals

Packing List

1. IT-PMC-3011 Ethernet Media Converter×1

2. 5VDC power adapter ×1(Media converter/5VDC, power external)

3. User manual ×1

Dimensions

Ordering Informations

1.25G SFP optical modules		
IT-38SW25-24	1.25G	dual fiber, multi-mode, SFP, 0.5km, PECL, 3.3V, LC, 850nm
IT-38SW25-34	1.25G	dual fiber, single-mode, SFP, 10km, PECL, 3.3V, LC, 1310nm
IT-38SW25-34	1.25G	single fiber, single-mode, SFP, 10km, PECL, 3.3V, LC, 1310nm
IT-38SW25-44	1.25G	dual fiber, single-mode, SFP, 20km, PECL, 3.3V, LC, 1310nm
IT-38SW25-45	1.25G	single fiber, single-mode, SFP, 20km, PECL, 3.3V, LC, 1310nm
IT-38SW25-54	1.25G	dual fiber, single-mode, SFP, 40km, PECL, 3.3V, LC, 1310nm
IT-38SW25-55	1.25G	single fiber, single-mode, SFP, 40km, PECL, 3.3V, LC, 1310nm
IT-38SW25-64	1.25G	dual fiber, single-mode, SFP, 60km, PECL, 3.3V, LC, 1310nm
IT-38SW25-74	1.25G	dual fiber, single-mode, SFP, 80km, PECL, 3.3V, LC, 1550nm
IT-38SW25-84	1.25G	dual fiber, single-mode, SFP, 100km, PECL, 3.3V, LC, 1550nm
IT-38SW25-94	1.25G	dual fiber, single-mode, SFP, 120km, PECL, 3.3V, LC, 1550nm