



Industrial Media Converter ZINCOM

Features

DIN-Rail Mounting Unmanaged Industrial Media Converter

- Support 1-8 ports 10/100/1000M Base-T(X) + 1-2 ports 10/100/1000M fiber;
- Plug-and-play, no configuration is required;
- Support relay alarm output;
- Support indicator status display;
- Support IP40 protection, aluminum alloy shell, fanless design;
- Support Broadcast storm suppression;
- Support DC12-57V power supply;
- Power supply input support anti-reverse protection;
- Support over Voltage, over current, EMC protection;
- Support -40-75°C wide operating temperature range;
- DIN-Rail or wall Installation;
- Supports auto-negotiation and 10/100Mbps half/full duplex and 1000Mbps full duplex mode
Prevents packet loss with back pressure (half-duplex) and IEE 802.3x pause frame flow control (full-duplex)



Introduction

Industrial Media Converter ZINCOM is a rugged industrial grade, Din-Rail, layer2, Unmanaged Media Converter that supports 1-8 ports 10/100/1000M Base-T(X) +1-2 port 10/100/1000M fiber. Plug and play, easy to install, no configuration is required, can be operated at wide temperatures range from -40 to 75°C.

Industrial Media Converter ZINCOM adopts standard Industrial design, IP40 protection, aluminum alloy shell, support Din-rail or wall installation, fanless design, support EMC level 4 protection, DC12~57V, can meet the requirement of various Industrial automation, Data Center Network, Intelligent Transportation System, Electric Power Industry, and new energy applications.

Application

- Intelligent Transportation System
- Industrial Automation
- Security Surveillance
- New Energy and Utilities
- Data Center Network
- Electric Power Industry
- Smart City

Specification

Specification	
Product Name	Industrial Media Converter
Product Model	ZC-IDS-1000M, ZC-IDS-1000MA, ZC-IDS-1000MB, ZC-IDS-1000MA-2GE, ZC-IDS-100MA-4E, ZC-IDS-1000MA-4GE, ZC-IDS-2SFP-2GE
Port Definition	10/100M or 10/100/1000M RJ45, 10/100M or 10/100/1000M fiber
Fiber port	1-2 x1000 Mbps fiber ports with SC type connector for 1000Base-SX/LX
Protocol Standard	IEEE802.3(Ethernet), IEEE802.3u for 100Base-TX&100Base-FX , IEEE802.3u for 1000Base-TX&1000Base-FX
	IEEE802.3x(Flow control)
Communication distance	
Twisted-pair	100m(CAT5 or later UTP cable), 100m (CAT6 or later UTP cable)
Multi-mode fiber	1000M multi-mode, 850nm 550m;1310nm 2km,
Single mode fiber	100M/1000M single mode: 1310nm 20km; 1550nm 20km
TX Power	-3/9,5 dBm
Rx Sensitivity	-20 dBm
Power	
Input power	DC12-57V
Working Environment	
Operating Temperature	-40°C~75°C
Storage temperature	-40°C~85°C
Ambient Humidity	5%~95% (non-condensing)
Physical Characteristics	
Shell	IP40 protection, aluminum alloy shell
Stability Testing	IEC 60068-2-27(shock);IEC 60068-2-6(vibration);IEC 60068-2-32 (free fall)

Ordering Information

Model	100M Copper Port	100M Fiber Port	Gigabit Copper Port	Gigabit Fiber Port	Gigabit SFP	POWER Supply
ZC-IDS-1000M	-	-	1	1	-	DC 12-57V
ZC-IDS-1000MA	-	-	1	1	-	DC 12-57V
ZC-IDS-1000MB	-	-	1	1	-	DC 12-57V
ZC-IDS-1000MA-2GE	-	-	2	1	-	DC 12-57V
ZC-IDS-100MA-4E	4	1	-	-	-	DC 12-57V
ZC-IDS-1000MA-4GE	-	-	4	1	-	DC 12-57V
ZC-IDS-2SFP-2GE	-	-	2	-	2	DC 12-57V

Packing List

- Industrial Media Converter * 1
- User manual * 1
- Certificate of Quality * 1