



PRODUCT INFORMATION

Stand-Alone: 10/100/1000 Media Converter

DMSI's 10/100/1000 stand-alone ethernet media converters are an efficient and adaptable solution in the field of LAN campus networking. It mediates between a 10, 100, or 1000Base-TX segment, and a 1000Base-FX segment. Gigabit converters can extend the conventional 10M or 100/1000M fast ethernet out to 20km-120km via the fast ethernet fiber-optical line. It is primarily designed for large, higher speed/bandwidth demanding work groups that require expansion of the ethernet network.

Features

- Provide one fiber connector and one UTP connector
- Fully complies with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.2ab 1000Base-TX, IEEE802.3z 1000Base-FX standard
- Auto-detection of half/full duplex transfer mode for TX port
- Auto-negotiation of 10/100/1000Mbps rate and Auto-MDI/MDIX for TX port
- Provide switch configuration of half/full duplex transfer mode for FX port
- Extend fiber distance up to 2km for multi-mode fiber and 20-120km for single-mode fiber
- Compact size for easy installation and working with Media Chassis
- Choice of fiber-connector from SC, LC and WDM, multi-mode / single-mode fiber for 1000Base SFP interface
- Easy-to-view LED indicators provides status to easily monitor network activity
- Includes power cord
- 1000Base-SX: 50/125um or 62.5/125um multi-mode fiber cable, up to 220/550m
- 1000Base-T: 2-pair Cat. 5/5e/6 UTP cable, up to 100 meters
- Back pressure flow control for full duplex IEEE802.3 X and half duplex.



To order or for more info,
please contact our sales
team:

Call: +1 (941) 244-0935

Email: info@dmsimfg.com



www.dmsimfg.com



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Media Converter

Specifications

Standard Protocol	IEEE 802.1q standard IEEE 802.1p QoS IEEE802.3 1000 Base-T standard IEEE802.1d Spanning Tree IEEE802.3ab standard IEEE802.3z standard IEEE802.3u 10/100/1000Base-SX/TX standard	
Operation Mode	Full/Half duplex mode	
Connectors	UTP	RJ-45
	Fiber	SC/ST/LC
Bandwidth	RJ 45 Port	10/100/1000Mbps
	Optical Port	125Mbps
Emission / Safety	FCC Part 15, Class A, RoHS and CE Mark	
Environmental Parameters	Work Temperature	0°C~50°C (32 °F ~ 122°F)
	Storage Temperature	-40°C~70°C (-40°F ~ 158°F)
	Humidity	5%~90% non-condensing
Cable	UTP Cable	Cat 5e, 6, 6A UTP or STP cable
	Single-mode	8.3/125, 8.7/125, 9/125, 10/125µm (max distance up to 20 -120km)
	Multimode	50/125, 62.5/125µm (max distance up to 2km or 5km)
Dimensions (mm)	95mm(L) x 71.5mm(W) x25.4mm(H)	
Warranty	3 years	
Mean Time Between Failure	114,000 hours	
TAA Compliant	Yes	

Part Number Configurator



A	Select Fiber Type
Y	Single-mode
F	Multimode
X	Empty slot
BB	Select Connector
31	SFP (LC)
61	SC
67	ST
70	SFP (Empty slot)
CC	Select Operating Wavelength
10	1310nm
15	1550nm (Single-mode)
13	1300nm (Multimode)
85	850nm (Multimode)

D	Select Distance
1	10km (Single-mode)
T	25km (Single-mode)
4	40km (Single-mode)
F	50km (Single-mode)
8	80km (Single-mode)
5	550m (Multimode)
2	2km (Multimode)

Note:

- For specific power source, add "EU" for EU power supply or "UK" for UK power supply at the end of the part number.

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