

10/100 Media Converter



10/100 Media Converter is a network communication device that recognize smooth network upgrade without any additional cost. It is an efficient and adaptable solution in the field of LAN campus network. It completely adapts to 10Base-T, 100Base-TX, 100Base-FX and IEEE 802.3x standards, and can be connected to personal computers, servers, hubs, and switch. It can be set into full/half duplex auto-negotiation by manual; it has two transmission mode: SM and MM, and its interface has many selectable optic fiber connectors and RJ-45 connector.

FEATURES

- 10/100 Mbps port with full/half duplex auto-negotiation
- Back pressure flow control for full duplex
- Twisted-pair connector: NODE/HUB or SWITCH (5 class UTP)
- Back pressure flow control for full/half duplex IEEE802.3X
- Automatic identification of MDI/MDI-X cross-line
- High-performance 155Mbps memory bandwidth
- Complies with FCC, 15 CLASS A, RoHS, and CE MARK

COMPLIANCES

- IEEE 802.3 10 Base-T standard
- IEEE 802.3u 10/100 Base-TX/FX standard
- IEEE 802.3d standard
- IEEE 802.3q standard

APPLICATIONS

- 10M extended enterprise network bandwidth to 100M
- Images, voice and other multimedia data on an integrated transport network point
- Computer signal transmission in need of the occasion widely used for computer data transmission network to meet a variety of business needs
- Campus broadband network, broadcasting network and intelligent residential broadband fiber-to-floor fiber to the home data transfer with the switches and other computer network equipment can be combined to form:-chain, star, ring-type network and other computer networks

Standard Media Converter, ORDERING INFORMATION

(Y)(A)(BB)(CC)(D)

* Option for Power Over Ethernet, add "P" or for default power supply, add "D" in front of part number.

Y - Select Transmission Speed

C	10/100
M	10/100/1000

(A) Select Fiber Type

F	Multimode
Y	Single-mode

(BB) Select Connector Type

31	SFP (LC)
61	SC
67	ST
70	SFP (empty slot)

(CC) Select Operating Wavelength

85	850nm (Multimode)
13	1300nm (Multimode)
10	1310nm (Single-mode/ Multimode)
15	1550nm (Single-mode)

(D) Select Distance

5	550M Multimode
2	2km Multimode
1	10km Single-mode
T	25km Single-mode
4	40km Single-mode
F	50km Single-mode
8	80km Single-mode

Technical Specifications

Standard Protocol	IEEE802.3 10 Base-T standard IEEE802.3u 10/100Base-TX/FX standard
	IEEE 802.3d standard IEEE 802.3q standard
Band Width	RJ 45 Port: 10/100Mbps Optical Port: 155Mbps
Operation Mode	Full/Half duplex mode
Connectors	UTP:RJ-45
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
TP Cable	Cat 5e, 6, 6A UTP or STP cable
Fiber Cable	Single-mode, 8.3/125, 8.7/125, 9/125, 10/125µm(the max distance up to 20 -120km) Multimode, 50/125, 62.5/125µm(the max distance up to 2km or 5km)
Dimensions (mm)	95mm(L) x 71.5mm(W) x25.4mm(H)
Emission / Safety	FCC Part 15, Class A, RoHS and CE Mark
Warranty	Lifetime
Mean Time Between Failure	114,000 hours
TAA Compliant	Yes

DIP Switch Communication Settings

Switch 1	ON	Enable Link Fault Pass-Through
	OFF	Disable Link Fault Pass-Through
Switch 2	ON	Cut-Through(9K)
	OFF	Store and Forward
Switch 3	ON	Flow control enable
	OFF	Flow control disable
Switch 4	ON	FX Speed 100Mbps
	OFF	FX Speed 1000Mbps