Managed TDM over IP Media Converter (Pair)

CM-MG-E101-0014

Product Description

The Managed TDM over IP Media Converter enables seamless transmission of E1 signals over IP networks. It connects E1 devices and efficiently transmits their data through IP. The converter features two RJ45 uplink ports and an optical SFP port for flexible connectivity options. This converter supports the transmission of data from one E1 connected device. With support for both console and web-based management, this converter simplifies configuration and device management. It is an ideal solution for linking TDM/E1 devices over an IP network, providing robust and efficient communication.

E1 Interface

Connector	BNC (unbalanced) RJ45 (balanced)
Impedance	75Ω (unbalanced), 120Ω (balanced)
Line Coding	HDB3
Code Rate	2.048Mbit/s±50ppm
Jitter Tolerance	Complies with G.742 and G.823

Ethernet Interface

RJ45 Ports	2x RJ45 w/Auto-MDIX support ports
Fiber Ports	1x 100Base-FX SFP port
Wavelength	1310nm / 1550nm
Data Rate	10/100 Mbps (half/full duplex auto-negotiation)
Ethernet Standards	IEEE 802.3 IEEE 802.1Q (VLAN)
Address Table	4096 MAC addresses

Management

Console Management	Telnet
Web Management	Manage and configure device through the web management interface
Default IP Address	192.168.0.148

Power

Power Input	220VAC -48VDC 24VDC
Self Consumption	10W

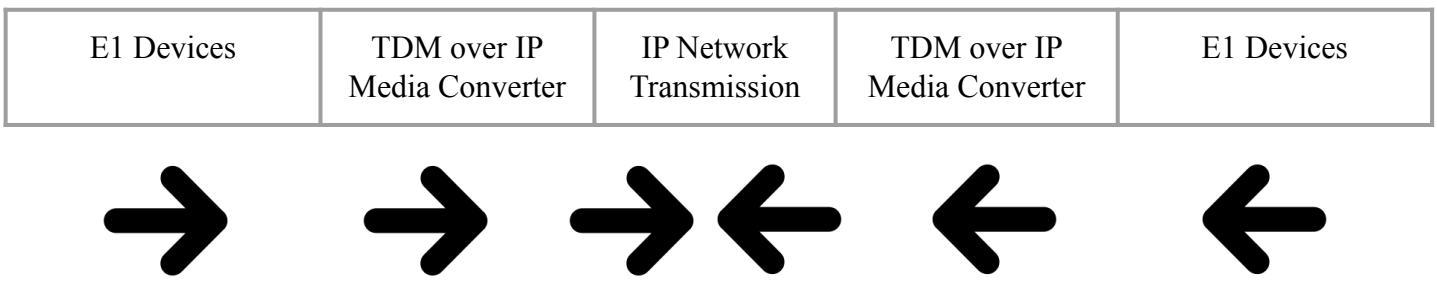
Environmental Standards

Storage Temperature	-40°C to 80°C
Operating Temperature	-10°C to 50°C
Humidity Tolerance	5% to 95%

Physical Properties

Weight	1500g
Case Material	Aluminum
Dimensions (H x D x W)	35mm x 130mm x 220mm

Application Diagram



Indicators

Indicator	Color	Status	Description
PWR	Green	On	Power is on
		Off	Power is off
RUN	Green	On	System is working normally
		Flash	Test mode active
		Off	System is not working
ROK	Green	On	Connected with remote equipment
FLNK	Green	On	Fiber is connected
		Off	Fiber is not connected
LOS	Red	On	Reverse
LOF	Red	On	Reverse
PLOS	Red	On	No packet
PERR	Red	On	Packet error or packet loss

DIP Switch

DIP Switch	Status	Description
1, 2, 5, 6		Reserve
3	On	E1 remote loop (TX to RX)
4	On	E1 local loop (RX to TX)
7	On	Test Mode A
	Off	Test Mode B
8	On	Test Mode EN

Any questions?

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