

# Tahoe 283

G.703 (unframed) / 10/100Base-T Ethernet Converter (bridge)

Tahoe 283 allows connecting two LANs using an E1 line - without any initial configuration.

Works as a transparent bridge and may be an economical alternative to a fully featured router in applications where remote management or traffic control is not necessary.

G.703 interface works in an unframed mode - user has access to the whole 2048 kbps stream.



## Technical Details:

Processor	ARM
Memory	8MB SDRAM
MAC Table	10.000 entries automatic address learning and removal after 30s or 300s
G.703 Port Range (distance between converter and E1 line terminating device)	up to 2000m
G.703 Interface	RJ-45 (balanced 120 Ω)
WAN Protocol	HDLC
Dimensions	200 mm (width) x 130 mm (length) x 45 mm (height)
Power Supply	external 100-240VAC/50-60Hz power supply included  optional 48 VDC power supply

## Throughput

2048 kbps

## WAN Interface

- G.703
- unframed
- balanced 120 Ω
- HDB3 coding

## LAN Interface

Ethernet 10/100 Base-T  
802.1q VLAN support

## Features

- automatic 10/100 Base-T link negotiation
- G.703 link state LED
- WAN and LAN activity LEDs