

# Tahoe 1711

E1/Ethernet Router

The Tahoe 1711 router is equipped with one G.703 serial port interface with RJ-45 connector and one Ethernet port. It is designed for connecting LAN through E1 links (2Mbps, full-duplex) terminated with a G.703 interface.

Synchronous PPP, Frame Relay, or complete Ethernet frames in transparent bridge mode may be used. In the latter case, two connected networks work as one - PCs, working under MS Windows operating system, see each other in the network neighbourhood, and the assigned IP addresses may be part of one subnet.



## Technical Details:

Processor	PowerPC 50MHz
Supported Protocols	IP, TCP, UDP, SNMP, TFTP, HTTP, RFC1490, InverseARP, PPP, FrameRelay
Frame Relay LMI	ITU Q.933 Annex A, ANSI T1.617 Annex D, Cisco LMI
G.703 Interface	Framed or unframed, balanced 120 $\Omega$ 2048 kbps HDB3 coding RJ-45 connector
Dimensions	229 mm (width) x 57 mm (height) x 152 mm (length)
Power Supply	external 100-240VAC/50-60Hz power supply included  optional 48 VDC power supply

## Features

- telnet management
- SNMP management
- NAT/masquerade
- firewall
- DHCP/BOOTP server (dynamic assigning of IP addresses and other parameters to each network station)
- DHCP/BOOTP Relay Agent (relaying of the DHCP/BOOTP requests to a central server)
- firmware upgrade using TFTP
- managed or unmanaged bridge functionality
- VLAN support
- logging through syslog
- additional protection against unauthorized LAN access