



TBC-800

Bandwidth Controller

TBC (Teletronics Bandwidth Controller) is a low-cost, versatile and easy to operate device specifically designed for network service providers or enterprise customers to provide a consistent bandwidth flow to the end stations. TBC system automatically shape TCP/UDP traffic based on built-in rules.

TBC system is simple and reliable allowing network operators to quickly and easily bring network traffic into balance without changing the existing network infrastructure.



Item# 22-103
800MHz CPU Desktop Model up to 50 Mbps

TBC system is available in two models for 50Mbps or 155Mbps applications.

(Item# 22-104: 1.6G CPU, 1u rack mountable up to 155 Mbps)

Technical Specifications

Standard Compliance: IEE 802.3 10BaseT Ethernet IEE 802.3u 100BaseT Ethernet ANSI/IEEE 802.3 NWay auto-negotiation	Power Requirement: External Power Adapter Input: 100-240 VAc, 50/60 Hz, 1.0A Output: 5V, 2.5A	Operating Temperature: Temperature: 10-50 C Storage Temp: -20 to 70 C Humidity: Max. 95% Non Condensing
Bandwidth Control: Bandwidth Control by IP and MAC Address Default Download and Upload Rate Grouping and Group Bandwidth Setting QoS by IP/MAC Address/Protocol/Port	LED Indicators: One Power LED Four WAN Link/Activity LED One Status LED	Mounting: Desktop Wall Mounting
Utilities: Ping Utilities, Trace Route Tcpdump, NetPerf	Security Firewall: Admin Configuration VPN (IPSec/PPTP) Pass Through	Dimension: Size: 200 W x 215 L x 150 H Weight: 0.32 kg
Rich Networking Function: Various WAN Connections (Static IP/DHCP Client) DHCP Server SNMP Remote Syslog	Management: Web based Management Tool Command Line Interface HTTP/HTTPS/Telnet Admin. Restriction Password Control for Configuration Date and Time SNTP Web based Update/Backup/Restore	Status: Network Status System Log (Compact & Detail Mode)
		Bandwidth Limiting: IP Address, Group, Subnet, Port
		Connection Limits: Maximum 64 x 256 sessions

Hardware Specifications

CPU Speed:	800MHz
System Memory:	1 x 168 pin DIMM max. up to 512MB/128MB SDRAM onboard
Chipset:	VIA VT8601T + VT82C686B
Bios:	Phoenix-Award BIOS with 2Mbit Flash
SSD:	CompactFlash TM Type II Socket (512 MB)
Board Unique ID:	Dallas DS2401 Controller
Watchdog Timer:	System Rest and NMI: 64 Levels, 0.5 - 8/5 - 80/50 - 800/100 - 1600 Seconds
Ethernet Interface:	4 Ports 10/100 Base T Ethernet with Auto-Sense Mode
Battery:	Lithium 3V/196 mAH
Size/Weight:	150mm W x 215mm L x 45mm H/ 1.2kg
Temperature:	0 - 60° C, Operation
Operation Humidity:	105 - 95% relative humidity, non-condensing