Product Name: Redfone foneBRIDGE2 Single Port T1/E1 to TDMoE

Manufacturer: -

Model Number: 750-4000

Redfone foneBRIDGE2 Single Port T1/E1 to TDMoE
Designed as a low-cost alternative to old fashioned PCI based cards, the new single port foneBRIDGE2 is a T1/E1-to-Ethernet Gateway. It is an integrated black-box "appliance" designed to streamline installation and enable redun-dant design of Asterisk based VoIP systems.

foneBRIDGE2 eliminates the need to install proprietary TDM PCI hardware cards in approved or compatible server configurations. Instead, foneBRIDGE2 terminates T1/E1 lines on the trunk side and provides direct Ethernet commu-nication to a network of PBX servers using native Asterisk TDMoE formats and utilities. Engineered around our unique high-speed SoC (System-on-Chip) TDMoE engine, foneBRIDGE2 provides low-latency delivery of your critical voice traffic. Target Applications

• T1/E1 PRI Trunk termination
• Legacy PBX-to-Asterisk integration
• Simple, single server installs
• Complex, HA Asterisk clusters
• Channel Bank connectivity
• Blade Servers where PCI slots are not available
• Compatible with Asterisk, trixbox, Elastix, FreeSWITCH, and others

Echo Cancellation (Optional)

• On-board high speed digital signal processing with TI’s 6000™ DSP platform
• Adaptive Digital “carrier class” G.168.v8 patented echo canceller
• 128ms (1024 taps) of echo tail
• Comfort Noise Generator
• Automatic tail search, fast convergence, and no di-vergence due to double talk
• Tone disabler for clear fax and modem communication

Key Features Failover & Asterisk HA Enabled High-Availability through rapid failover capabili-ties ensures your critical telephony services are always on and available Flexible Configuration

• Supports multiple T1/E1 standards
• Field upgradeable

Solid State Embedded Appliance

• No moving components
• Low heat and power consumption
• High MTBF (mean time before failure)

Standards Telephony

• PRI Switch Compatibility– EuroISDN, AT&T 4ESS, DMS 100, Lucent 5E, NI1/NI2; Network or CPE
• Line Interface– Single T1/E1 (RJ45)
• Line Encoding– AMI/B8ZS for T1, AMI/HDB3 for E1
• Super Frame (SF) and Extended Super Frame (ESF)

- Robbed Bit Signaling (RBS/CAS)
- Short and Long Haul line build out (LBO)
- Adaptive Equalizer for line attenuation conditioning
- MFC/R2, SS7 support with 3rd party libraries

Ethernet 1x RJ45 10/100-BASE-TX Half/Full-duplex   Specifications

- Electrical: DC 500mA Max @ 5V (2.5W)
- Environmental: 0 to 50 deg C operating
- Physical: Dimensions: 4.75” x 5.00” x 1.00” Weight: 0.5 pounds Mounting: Flange Mount/Desktop
- US, UK and EUR style power connectors

Models

- Single port non Echo Cancellation: 750-4000
- Single port with Echo Cancellation: 750-4000-EC

Price: £433.00