Product Name: Redfone foneBRIDGE2 Octal T1/E1 Ethernet Bridge

Manufacturer: -

Model Number: 750-6000

Redfone foneBRIDGE2 Octal T1/E1 Ethernet Bridge

foneBRIDGE2 is a T1/E1 PRI-to-Ethernet Bridge. It is an integrated black-box "appliance" designed to streamline installation and enable redundant design of Asterisk based VoIP systems. foneBRIDGE2 eliminates the need to install proprietary TDM hard-ware cards in approved/compatible server configurations. Instead, foneBRIDGE2 terminates T1/E1 PRI lines on the trunk side and provides direct Ethernet communication to a network of Asterisk servers using native Asterisk TDMoE formats and utilities.

Asterisk PBX T1/E1 Redundancy, High Availability & Load Balancing in an economical Enterprise class solution

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Engineered around our unique high-speed SoC (System-on-Chip) TDMoE engine, foneBRIDGE2 provides low-latency delivery of your critical voice traffic

Redfone foneBRIDGE2 Octal T1/E1 Ethernet Bridge with EC - Technical Specifications

Failover & Asterisk HA Enabled

• High-Availability through rapid failover capabilities ensures your critical telephony services are always on and available

Flexible Configuration

• Configurable on a per-port basis, foneBRIDGE2 allows you to mix multiple telephony standards on a single deployment

Solid State Embedded Appliance

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

Target Applications

• T1/E1 PRI Trunk termination
• Legacy PBX-to-Asterisk integration
• High-Availability/Failover Asterisk clusters
• Channel Bank connectivity
• Mixed telephony environments (ex. E1 PRIs + T1 Channel Banks)
• Standards

Telephony

• PRI Switch Compatibility- EuroISDN, AT&T 4ESS, DMS 100, Lu-cent 5E, NI1/NI2; Network or CPE
• Line Interface- Dual or Quad T1/E1 (RJ45), per port configur-able
• Line Encoding- AMI/B8ZS for T1, AMI/HDB3 for E1
• Super Frame (SF) and Extended Super Frame (ESF)

• Robbed Bit Signaling (RBS/CAS)

Ethernet

• 10/100-BASE-TX Half/Full-duplex
• 2 x Dedicated RJ45

Specifications

• Electrical: DC 500mA Max @ 5V (2.5W)
• Environmental: 0 to 50 deg C operating
• Physical: Dimensions: 5.00" x 6.50" x 1.00" Weight: 1 pound Mounting: Flange Mount or Desktop

Please Enquire