

Redfone foneBRIDGE2 Octal T1/E1 Ethernet Bridge with EC



Product Name: Redfone foneBRIDGE2 Octal T1/E1 Ethernet Bridge with EC

Manufacturer: -

Model Number: 750-6000-EC

Redfone foneBRIDGE2 Octal T1/E1 Ethernet Bridge with EC

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.

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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 configurable

Line Encoding- AMI/B8ZS for T1, AMI/HDB3 for E1

Super Frame (SF) and Extended Super Frame (ESF)

Robbed Bit Signaling (RBS/CAS)

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Ethernet

- 1/2 10/100-BASE-TX Half/Full-duplex
- 1/2 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