

Redfone foneBRIDGE2 Single T1/E1 Ethernet Bridge



Product Name: Redfone foneBRIDGE2 Single T1/E1 Ethernet Bridge

Manufacturer: -

Model Number: 750-5050-SINGLE

Please note the foneBRIDGE2 Single T1/E1 Ethernet Bridge has been replaced by the Redfone foneBRIDGE2 Single Port T1/E1 to TDMoE

foneBRIDGE2 Single port without Echo Cancellation

The foneBRIDGE2 Single port is a T1/E1 PRI-to-Ethernet Bridge. It is an integrated blackbox "appliance" designed to streamline installation and enable redundant design of Asterisk ® based VoIP systems.

Perfect for simple T1/E1 standalone Asterisk installs or complex clustered environments that require High Availability with minimal downtime.

Dual port capability out of the box without the upfront investment. Through a simple and cost effective upgrade license the 2nd port can be enabled on demand.

foneBRIDGE2 eliminates the need to install proprietary TDM hardware 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 the Asterisk TDMoE protocol.

Key Features

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. Field upgradeable

Solid State Embedded Appliance

• No moving components

• Low heat and power consumption

• High MTBF (mean time before failure)

Optional DSP based Carrier Grade Echo Cancellation

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) • Blade Servers where PCI slots are not available

Telephony

• PRI Switch Compatibility – EuroISDN, AT&T 4ESS, DMS 100, Lucent 5E, NI1/NI2; Network or CPE • Line Interface – Dual T1/E1 (RJ45). • Line Encoding – AMI/B8ZS for T1, AMI/HDB3 for E1 • Framing – SF, ESF, CCS, CAS • Robbed Bit Signaling (RBS/CAS) • Short and Long Haul line build out (LBO) • Adaptive Equalizer for line attenuation conditioning

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:

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Flange Mount or Desktop

MODEL NUMBERS • No Echo Cancellation: 750-5050-Single • With Echo Cancellation:
750-5050-ECSingle • Upgrade License: 750-DUAL-Upgrade

Please Enquire
