



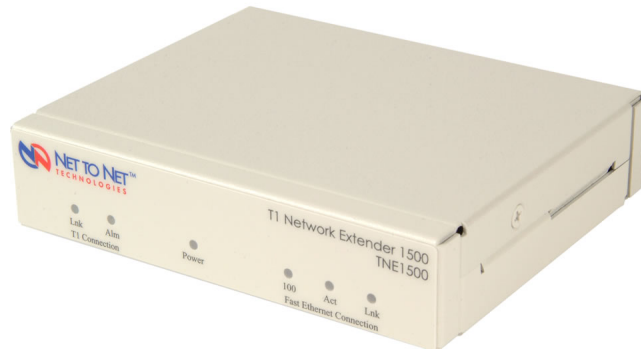
Z H O N E

T1 Network Extender 1500

TNE1500-S, TNE1500-P

- ✓ Provides 'Plug & Play' operation with NO configuration requirement
- ✓ Configuration-free operation minimizes truck rolls
- ✓ Supports T1 and Fractional T1 data rates up to 1.5Mbps (symmetrical)
- ✓ Connects directly to any 10BT Ethernet port on a PC or LAN
- ✓ Integrated CSU/DSU saves time, money, and rack space
- ✓ Excellent for front-ending IP Router 10 Mbps Ethernet ports

High speed packet-based T1 CPE



Part of Zhone's EtherXtend product family, the TNE1500 allows Carriers, ISPs and PTTs to deliver Ethernet services to virtually anywhere, using standard T1 or Fractional T1 circuits. The TNE1500 provides a simple and easy way to extend Ethernet over T1 circuits for high speed access services at distances beyond the reach of xDSL circuits.

The TNE1500 features one (1) T1 port, capable of up to 1.5 Mbps bandwidth, and an integrated 10BT Ethernet port for connecting directly to any Ethernet port on a PC or LAN. The TNE1500 can be used in a point to point configuration, or it can be used to terminate T1 lines from Zhone's MALC Multiservice Access Loop Carrier and the IPD4000E/12000E IP-DSLAM.

The TNE1500 is designed for ease-of-use; configuration requirements are removed completely, allowing this device to be installed into the customer premise quickly and cost-effectively. The TNE1500 is based on Ethernet transport technology over standard T1 lines, providing a 100% Ethernet-based access technology for optimum usability, throughput and reliability.

Technical Specifications

Dimensions

- 1.25" x 5.5" x 4.5" (HxWxD)
- 3.2cm x 14cm x 11.5cm (HxWxD)

Weight

- 0.6 lbs (0.28 kg)

Power

- AC Power Adapter
 - 100-240VAC, 50/60Hz
 - 5VDC
 - 10 watts

Interfaces

- 1 T1 RJ48C 8-position jack
- 1 10/100 Ethernet RJ45

Bandwidth/Distance

- Up to 1.5 Mbps
- Selectable FT1 Support: 384, 768, 1152, 1536Kbps
- Unlimited Distances (using clear-channel, T1 repeaters)

Regulatory Compliance

- EMC: FCC Part 15; CSA/C108.8; EN55022; EN55024
- Safety: UL1950, CSA C22.2 No. 950; EN60950
- CE Marking

Operating Requirements

- Temperature: 32°F to 122°F (0°C to 50°C)
- Non operating: -40°F to 158°F (-40°C to 70°C)
- Humidity: 5% to 95%, non-condensing
- Altitude: -200ft to 16,500ft (-60m to 5,000m)

Ordering Information

TNE1500-S-US	T1 Network Extender Subscriber unit with North American Power Supply
TNE1500-P-US	T1 Network Extender Provider unit with North American Power Supply
TNE1500-KIT1US	T1 Network Extender Point-to-Point kit, includes one TNE1500-P and one TNE1500-S with North American Power Supply



Z H O N E

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