



## E1 Network Extender 2000

ENE2000-S, ENE2000-P

### High speed packet-based E1 CPE



#### Overview

Net to Net Technologies' E1 Network Extender terminates E1 lines from the IP DSLAM family of access multiplexers, including the IPD12000 and the IPD4000. Because the ENE2000-S is fully DSL The Easy Way™ compliant, configuration requirements are removed completely, allowing this device to be installed into the customer premise quickly. The ENE2000-S is based on the DSL The Easy Way™ Packet architecture utilizing 100% packet-based technology for optimum throughput and reliability.

In addition, the ENE2000-S can be used in a multiple point to point configuration with single- or multi-port E1 Network Extender Provider units allowing broadband service providers to deploy single E1 access lines economically. This provides an upgrade path for future deployments, using Net to Net's IP DSLAMs. The ENE2000-S provides a simple and easy way to extend Ethernet over E1 circuits for high speed access when beyond the reach of SDSL circuits.

#### Features

- Utilizes Net to Net's DSL The Easy Way™ Packet based Architecture
- DSL The Easy Way™ for plug-and-play configuration and operation
- Supports selectable E1 data rates up to 2.048Mbps (symmetrical)
- Configuration-free operation minimizes engineer site visits
- Connects directly to any Ethernet port on a PC or LAN
- Can be used with any Net to Net IP DSLAM or in point to point configurations
- Excellent for front-ending IP Router 10 Mbps Ethernet ports

## Specifications

### Dimensions

1.25" (3.2cm) High x 5.5" (14cm) Wide x 4.5" (11.4cm) Deep

### Weight

0.6 lbs (0.28 kg)

### Power

100-125VAC @ 1.0A  
200-240VAC @ 0.5A

### Interfaces

1 E1 RJ48C 8-position jack (un-channelized E1)  
1 10/100 Ethernet RJ45  
DSL The Easy Way™ compliant

### Standards Support

IEEE 802.3 Ethernet  
ITU G704 E1

### Bandwidth/Distance

Up to 2.048Mbps (utilizes standard E1 circuit)

### Regulatory Compliance

EMC: FCC Part 15; CSA/C108.8; EN55022;  
EN55024  
CE Marking  
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 temperature: -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

ENE2000-KIT-1	E1 Network Extender Point-to-Point kit, includes one ENE2000-P and one ENE2000-S
ENE2000-S	E1 Network Extender Subscriber unit
ENE2000-P	E1 Network Extender Provider unit
ENE2000-P-CNV	Conversion Kit from Provider Unit to Subscriber Unit consists of PROM and replacement label.

