

## SHDSL Network Extender 2020

SNE2020G-S, SNE2020G-P, SNE2020G-Kit1

### Dual Port SHDSL Network Extender/CPE with Loop Bonding



#### Overview

Paradyne's family of EFM Based Network Extenders provide an extremely flexible and easy to use solution for providing Ethernet based services to subscribers throughout the service providers network.

Paradyne's SNE2020 is fully DSL The Easy Way™ compliant, so that configuration requirements are removed completely, allowing this device to be installed into the customer premises quickly. The SNE2020 is also fully DSL The Easy Way™ packet based utilizing 100% packet-based technology for optimum throughput and reliability.

Paradyne's SNE2020 is a loop bonding CPE for Paradyne's EFM Based 12000/4000 BLCs that provides up to 4.6 Mbps of symmetrical bandwidth using two copper pairs.

The SNE2020 features two SHDSL ports, each capable of up to 2.3 Mbps symmetrical bandwidth. When used with any Paradyne loop bonding compatible product, two copper pairs may be used to deliver double the bandwidth at any given distance. In addition, the SNE2020 can be used in a point to point deployment for high speed copper connections between two locations.

Paradyne's loop bonded SHDSL provides automatic load balancing and fail-over to provide optimum redundancy and data throughput, all delivered using Paradyne's plug 'n' play ease of use.

#### Features

- DSL the Easy Way™ Architecture delivers plug 'n' play Loop Bonded ADSL lines with NO configuration requirements
- Supports selectable data rates up to 4.6 Mbps (symmetrical)
- Connects directly to any 10/100 Mbps Ethernet port on a PC or LAN
- Can be used with any of Paradyne's Ethernet loop bonding capable central office products, or in point-to-point configurations
- Loop Bonded links have automatic failover and recovery for increased network resilience

## Specifications

### Dimensions

1.25" (3.2cm) High x 5.5" (14cm) Wide x 4.5" Deep (11.5cm)

### Weight

0.6 lbs (0.28 kg)

### Power

100-125VAC @ 1.0A

200-240VAC @ 0.5A

### Interfaces

2 SHDSL Hybrid RJ11/RJ45

1 Ethernet RJ45

IPacket™ & AutoIP™ compliant

### Standards Support

IEEE 802.3 Ethernet

ITU G.991.2 G.SHDSL

### Bandwidth/Distance

Up to 2.3 Mbps per SDSL port (up to 4.6 Mbps loop bonded)

Lower speeds supported up to 24,000 feet/7.3Km

### 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

SHDSL Kits	
SNE2020G-KIT1US	Dual Line SHDSL Kit Includes (1) SNE2020G-P Provider Unit and (1) SNE2020G-S Subscriber Unit with North American Power supply
SNE2020G-KIT1EU	Dual Line SHDSL Kit Includes (1) SNE2020G-P Provider Unit and (1) SNE2020G-S Subscriber Unit with European Power Supply
SNE2020G-KIT1UK	Dual Line SHDSL Kit Includes (1) SNE2020G-P Provider Unit and (1) SNE2020G-S Subscriber Unit with UK Power Supply
SHDSL Single Units	
SNE2020G-S-US	SHDSL Dual Line Network Extender Subscriber Unit for Loop Bonding with North American Power Supply
SNE2020G-S-EU	SHDSL Dual Line Network Extender Subscriber Unit for Loop Bonding with European Power Supply
SNE2020G-S-UK	SHDSL Dual Line Network Extender Subscriber Unit for Loop Bonding with UK Power Supply
SNE2020G-P-US	SHDSL Dual Line Network Extender Provider Unit for Loop Bonding with North American Power Supply
SNE2020G-P-EU	SHDSL Dual Line Network Extender Provider Unit for Loop Bonding with European Power Supply
SNE2020G-P-UK	SHDSL Dual Line Network Extender Provider Unit for Loop Bonding with UK Power Supply



For additional information on this or any Paradyne product or service, contact the office nearest you or dial 1.800.727.2396 (USA and Canada) or 1.727.530.8623; fax 1.727.530.8216. For international locations, visit the Paradyne web site at <http://www.paradyne.com>