

Omni 128L

IDSLS Modem



ZYXEL's Omni 128L is a flexible, simple, easy and economic solution for IDSLS concentrator as the client side solution. This IDSLS Modem can be used as long range transmission, campus environment, point-to-point connection. The Omni 128L can support 64K/128K symmetric and synchronous transmission, which is ideal IDSLS CPE solution for ZyXEL Prestige 1600 IDSLS concentrator. It also works with standard U loop ISDN repeaters to extend the range to 18,000 feet (11km) from the central office.

IDSLS Compliance

- Symmetrical and synchronous data transmission 64K or 128K configured by the IDSLS server
- Auto configured as 64K or 128K by ZyXEL Prestige 1600 IDSLS concentrator
- Maximum Transmission distance 18,000 feet
- 2B1Q line modulation for level line code
- Transparent U loop ISDN repeater
- Manually rate adaptation configuration
- Tool-free installation

IDSLS Network Compatibility

- Europe and Asia: DSS1, 1TR6, INS-NET 64, Taiwan DGT

Protocol Support and Compression

- PPP Multilink Protocol supported in both call-mode and answer-mode for compatibility with ISDN devices from other vendors at speeds of up to 128Kbps
- Flash EPROM for easy firmware upgrades

Diagnostics Capabilities

- The IDSLS modem can perform self-diagnostic tests. These tests check the integrity of the following circuitry:
 - FLASH memory
 - IDSLS circuitry
 - RAM

DTE Interface

- Need a 16650 based multiple speed I/O card installed in PC for 128K connection speed

Physical Interface

- One RS-232 interface for local configuration
- One RJ-45 port for connecting IDSLS concentrator
- Dimensions: 9W x 7.5D x 2.2H in. (23W x 19D x 5.6H cm)
- Weight: 2.1 lbs. (0.95 Kg)

Operating Environment

- Temperature: 0 C to 40 C
- Humidity: 5% to 95 %

Two year warranty



ISO 9001 Certified.

ZyXEL

TOTAL INTERNET ACCESS SOLUTION

Specifications are subject to change without notice.

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