



NetLink L

Superior Price/Performance Ratio

- 108 Mbps on air, 40 Mbps actual throughput
- Dual ethernet ports
- Mesh wireless networking features
- SNMP management
- Rich routing & tunneling feature set
- 802.11a standard



All-in-One Advanced, AP/PtP/CPE Model

New NetLink L Series, 5.3/5.4/5.8 GHz products. These are integrated fully functioning radios. That means these units can be configured as an Access Point, a Point to Point bridge, or a Customer Premise Equipment (CPE).

Overall Features:

Controllable High Gain Output

All radios have +23dBm of output. Power can be scaled back for closer installations to avoid noise issues and to meet local regulatory requirements.

Dual Ethernet Ports

This allows you to back to back the radios at your installation sites (depending on power requirements). Perfect for back to back point to point scenarios. Also great for installing peripheral Power over Ethernet devices like weather monitoring or security cameras.

More Robust Routing Features Tunneling Protocol Support

Includes support for tunneling protocols such as VPN, PPTP, RSA, etc.

Low Power Requirements

Excellent for solar and other alternative power source installations. NetLink L Series requires only 7 Watts.

All New Access Point Features:

Wireless Distribution System (WDS)

WDS allows Access Points to be wirelessly connected to each other while also servicing clients.

Wi-Fi Protected Access (WPA)

WPA improves on the security features of WEP. It includes improved data encryption (AES) and user authentication.

WPA and WEP LEDs

Outside LEDs allow you to easily see if WEP or WPA is activated on your Access Point.

All New CPE Features:

Alignment LEDs

Now you can align your client and point to point installations without having to log into the radio. Get visual signal strength at a glance by using this great new feature.

Specifications

Radio

Frequency	5170 MHz to 5805 MHz
Radio type	OFDM
modulation	BPSK, QPSK, 16 QAM, 64 QAM
Radio Mode	Access Point / Point to Point / Customer Premise Equipment
Transmit Power	+23 dBm
Antenna	24 dBi Integrated
Receiver Sensitivity	-76 dBm @ 54 Mbps
Polarization	Horizontal or Vertical

Data Communication

Communication Method	Half Duplex
Security	a. 40 bits and 128 bits WEP encryption, b. Media Access Control Address filter (MAC) c. WPA

Configuration and Management

Remote Configuration	Based on IP Address
Device Management	Windows Utility, Web-Based Management, SNMP (MIB-II and 80211 mib compliant)

Electrical, Mechanical and Environmental

Power	AC Wall Plug Input: 230V 50Hz Output: 18V, 1000mA
Dimensions	407mm X 362mm
Operating Temperature	-65°C to +60°C

Connectors

Ethernet Connector	10/100 base T (Water Tight RJ-45)
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