



Frequency Freedom

Think Outside the Band

NL-3500 BSU

3.5 Ghz

802.11 based
MAC/PHY



Radio Specification

Standard Compliance:	802.11 Based MAC/PHY
Modulation:	OFDM
Frequency Band:	3.400-3.7GHz
Data Rate: (Mbps)	54, 48, 36, 24, 18, 12, and 6 Mbps
Output Power: (300mW)	25dBm (+/-1dB) @ 6/9/12/18/24 Mbps
Receive Sensitivity:	-92 dBm ≤ 6 Mbps / -73 dBm ≤ 54 Mbps
Data Security:	WPA, WPA2, AES-CCM & TKIP Encryptions, 802.1x, 64/128/152bit WEP
Signal Indicator:	5MHz / 10MHz / 20MHz / 40MHz
DC Power Input:	24 - 48VDC Adapter, PoE IEEE 802.3af compliant
Operating Environment:	-40°C to + 70°C

Available for :

- Point to Point (over 50 km link)
- Multi Point (Connect Up to 100 clients!)
- Backbone + AP (High speeds at distant sites!)
- WDS (Roaming!)

High-speed wireless systems are used to provide internet access to end-users using point-to-point or point-to-multipoint architecture. Wireless data links take place where there is no infrastructure for internet access or in places where bandwidth offered by current channels is too low. With our wireless equipment you can get high bandwidth on a very long distances at very reasonable price. Our equipment provides various features including firewall, NAT, VPN, Bandwidth Management, QoS and many more.



WimaxNear is a professional RF/Microwave equipments provider. We develop and manufacture all kind of microwave transmitters, receivers, and transceivers. The operating frequency ranges from 2GHz to 5GHz. Main applications are for Wireless Internet, Satellite Communication, point-to-point radio, point-to-multipoint radio, Wireless audio/video and military use. Our main products are: WLAN outdoor solution , Wireless Mini PCI , Routerboard & etc.