



We Connect the World



WLO-5812B

5GHz, 200mW, Non Line of Sight Wireless Outdoor Bridge W/TDMA QoS
(Base Station or CPE or AP)

Non Line of Sight

BS / CPE / AP

TDMA QoS

VLAN by Multiple SSID

Signal Strength

Enhanced Security

802.3af POE

IP67 Waterproof

What Wifi / Wireless Solutions will you recommend if I want to connect across a barrier between 2 or more points?

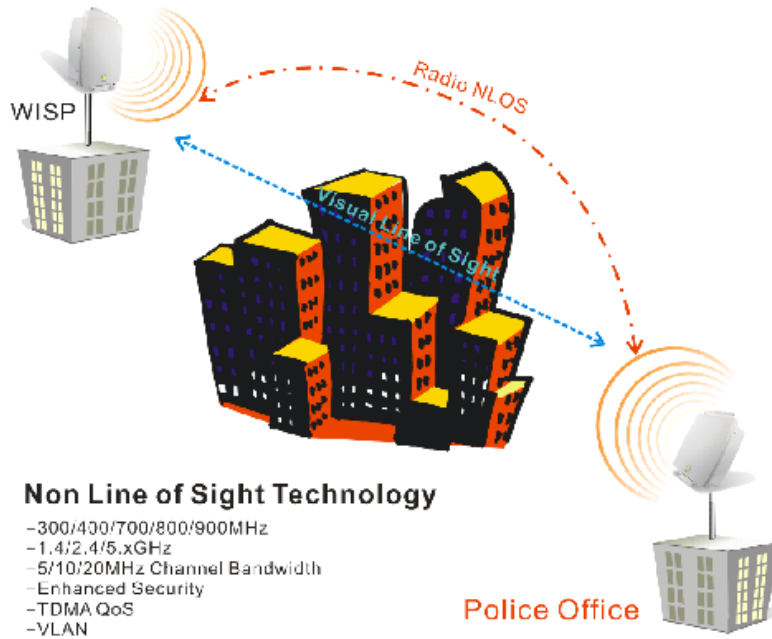
Thanks for radio frequency and software strength, PheeNet's NLOS Family can totally eliminate WISP / ISP / Telecom Operator / SI's headache to build up a NLOS Wireless PTP or PTMP connections.

The NLOS (Non Line of Sight) family from PheeNet is an affordable PTP/PTMP solution for licensed wireless deployment both for backhaul and "last mile". The product is available in a variety of frequency bands and is equipped with Ethernet interface.

The NLOS family utilizes TDD (Time Division Duplex) technology allowing operation on a single channel. Given its narrow bandwidth and availability at low UHF frequencies, then the NLOS family is ideal as a complementary product for existing MMDS, 3G, and 3.5G Networks.

Moreover the customer can easily have the wireless surveillance, wireless video, wireless mobility solutions by integrating with CCTV or IP camera.

Application



Features

1. Compatible with IEEE802.11a 54Mbps, IEEE802.11b 11Mbps, IEEE802.3u, IEEE802.3af POE
2. Supports wireless data encryption with 64/128/152-bit WEP, WPA Enterprise / WPA-PSK, AES, Dynamic Key Exchange (EAP-MD5, EAP-TLS, EAP-LEAP, EAP-PEAP), SSID Broadcast, Wireless Isolation
3. Supports Operation modes: AP Mode, Point to Point Bridge, Point to Multi Point Bridge, CPE (Client)
4. Regatta mode supported to enhance the performance
5. VLAN by Multiple SSID
6. TDMA QoS supported
7. IP67 rated Waterproof
8. Hardware Reset Outside button available
9. Web GUI management and firmware upgrade

Specification

Industrial Standard	
Standard	IEEE802.11a 54Mbps IEEE802.3u IEEE802.3af
Interface	10/100Base-TX (RJ-45) x 1 W/ IEEE802.3af POE function
Security	64/128/152-bit WEP WPA Enterprise / WPA-PSK AES Dynamic Key Exchange (EAP-MD5, EAP-TLS, EAP-LEAP, EAP-PEAP) SSID Broadcast Wireless Isolation
System Management	1) Web Based Management 2) SNMP MIB II 3) Flow control at Remote 4) TDMA QoS 5) Link Status (CPE) 6) Spanning Tree 7) Support 802.1Q (VLAN) 8) Signal Strength
RF	
Frequency Band	default 5.15 ~ 5.35GHz ; 5.725 ~ 5.825GHz customized (4.9~6.0GHz)
Operating Protocol	TDM

Signal Type	OFDM
Modulation	BPSK ~ 64QAM
Sensitivity	-65dbm
Output Power	200mW
Channel Bandwidth	5MHz, 10MHz, 20MHz
Operating Mode	AP Mode Point to Point Bridge Point to Multi Point Bridge CPE (Client)
Hardware	
CPU	IXP422 266MHz
RF	Atheros AR5414
RAM	32MB
Flash	8MB
Antenna connector	N Type
Environment	Operating Temperature: -20 ~ 60°C Humidity: 10%~95%(non condensing)
Enclosure	Metal and Plastic PC Case, IP 67 Verified
Power Supply	Power over Ethernet (802.3af)
Dimensions	250 (L) x 259 (W) x 75 (H) mm

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