



NextNet
WIRELESS

- Self-contained integrated radio and modem
- Weatherproof, eave-, wall- or pole-mountable
- Extended range up to 32Km
- Adaptive high-order modulation 4/16/64 QAM
- No system configuration needed for User's PC
- No software to load on subscriber's computer
- Small/medium enterprise markets
- Rural residential markets

NEXTNET EXPEDIENCE®

NLOS OUTDOOR CUSTOMER PREMISE EQUIPMENT INTEGRATED RADIO MODEM

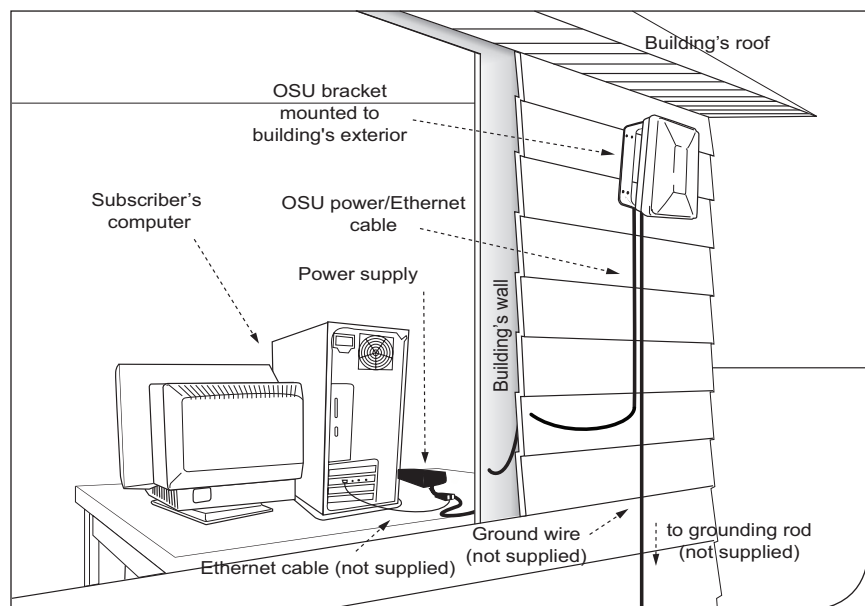
Non Line-of-Sight Broadband Wireless Outdoor Subscriber Unit (OSU-2510A/OSU-3310A/OSU-3510A)

NextNet's Expedience® Outdoor Subscriber Unit is an environmentally-hardened broadband wireless access modem intended for business applications, where a permanent mount install is required for physical security. It is a true Plug & Play Ethernet device that is well suited for extended range coverage, and requires absolutely no drivers to be added to the subscriber's computer or LAN. The OSU incorporates automatic adaptive modulation for increased throughput and network capacity.

The OSU is designed to be installed without the use of special tools or test equipment. This unit is recommended for extended range NLOS coverage areas, where the benefits of an outdoor installation will compensate for low signal levels.

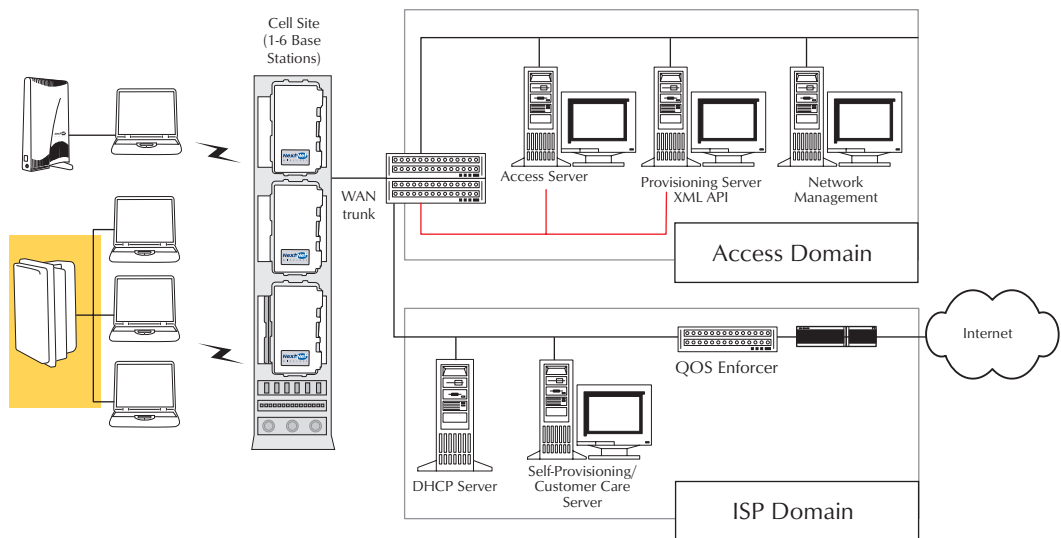
The unit functions as an Ethernet bridge (Layer 2) device, and is practical for single host or SOHO LAN applications interfacing a standard 10/100base-T LAN or NIC via an RJ-45 connector.

The OSU includes a power supply allowing it to be driven by any 110/220V 50/60 Hz source. An optional data line surge protector is available, and is recommended for areas with a high incidence of lightning storms.



OSU SPECIFICATIONS

	OSU-2510A	OSU-3310A	OSU-3510A
Channel bandwidth	5.5/6 MHz	3.5/5/6/7 MHz	6 MHz
Frequency band (MHz)	2495-2690	3300-3400	3400-3600
Modulation	OFDM - 4/16/64 QAM		
Operating mode	Time Division Duplex (TDD)		
RF output power	2 Watts		
IP addresses supported	15 static or dynamic addresses		
Management interfaces	SNMP MIB II with Expedience® extensions, Web server, Telnet, Syslog		
LAN interface	IEEE 802.3 Ethernet via RJ-45 connector		
Enclosure	Weatherproof, sealed enclosure		
Temperature range	-40°C to +60°C (operating)		
Humidity range	0% to 100%		
Operating voltage	100 -240 VAC, 50/60 Hz		
Power consumption	15 Watts		
Dimensions	10 in (H) x 7.6 in (W) x 2.4 in (D) 25.5 cm (H) x 19.4 cm (W) x 6 cm (D)		
Safety and EMC certifications	Safety/EMC/Spectral certification per US, CDN, EU, and other national regulatory bodies		



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This specification is subject to change without notice.

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