

OU-2410NGB

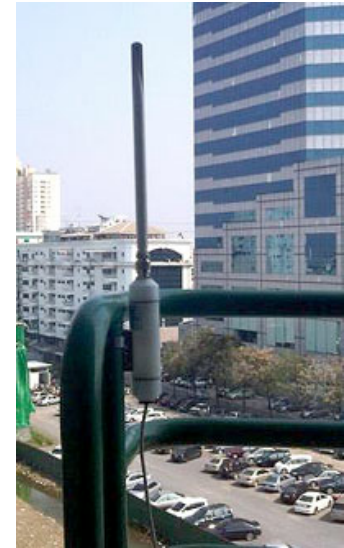
Long Range Outdoor USB-CPE 802.11n/g/b
1-watt (EIRP radiation output **37dBm/6-watt**)



XOU-2410NGB-1W
(antenna optional with N-female connector)



XOU-2410NGB-6W
(with 7-dbi antenna)



CPE applications: roof /
windows 10m cable included

Features

- Complies IEEE 802.11 N/G/B standard
- IP67 enclosure for outdoor use : survive 27~131°F (-3 ~55°C)
- Dual-chip design : RealTek 3070L + 1-watt output chip; low temp., better isolation, big power
- Support 150 Mbps data rate
- High output power : 1-watt immediate radio RF output;
- High EIRP radiation power with 7-dbi antenna: 30dBm + 7dbi = 37dBm/6-watt
- Omni-directional design for alignment-free; up to 4Km non-LOS and 10Km with LOS
- Complies with Universal Serial Bus Rev. 1.0, 1.1 and 2.0 specifications and UPnP
- Support 64/128-bit WEP encryption, advanced WPA/WPA2 AES/TKIP and WPS security
- Support 20/40 MHz Bandwidth in AP mode
- SoftAP function : to create AP function with PC + indoor AP for sharing/serving indoor users
- Low power consumption (USB) with advanced power management
- Support driver for Windows 2000, XP 32/64 and Vista 32/64, Apple Mac and Linux
- Support auto-installation and diagnostic utilities



Specification

Standards Compliance	IEEE 802.11b/g, 802.11 draft n 2.0, USB 2.0
Chipsets Solution	RealTek 3070L Our own masked 1-watt RF power chip (2 chipset solution)
Modulation	IEEE802.11b: CCK,DQPSK,DBPSK IEEE802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM IEEE802.11n draft 2.0:
Frequency Band	America/FCC : 2.412~2.462 GHz (11 channels) Europe CE/ETSI : 2.412~2.472 GHz (13 channels) Japan : 2.412~2.484 GHz (14 channels)
TX Power (radio RF output)	20~30dBm (100mW~1W) adjustable
TX Power (EIRP radiation output with 7-dbi antenna)	20dBm + 7-dbi ~ 30dBm + 7-dbi = 27dBm (500mW) ~ 37dBm (6-watt) adjustable
Transmission Rate	IEEE802.11b: 1/2/5.5/11 Mbps IEEE802.11g: 6/9/12/18/24/36/48/54 Mbps IEEE802.11n draft 2.0: 150 Mbps
Access Protocol	CSMA/CA
Sensitivity	-91dBm @ 11Mbps, PER < 8% packet size 1024; -76dBm @ 54Mbps, PER < 10% packet size 1024; -76±2dBm @ 65Mbps: 802.11n(20MHz); -74±2dBm @ 135Mbps: 802.11n(40MHz);
Frequency Stability	With ±10ppm
Antenna Type	External 7dBi Dipole Antenna (Optional)
USB	64/128-bit WEP,WPA-PSK,WPA2-PSK,802.1X and Cisco CCX support WPS PIN/PBC
Temperature	27~131°F (-3 ~55°C)
Network Management System Browser Support	IE / Safari / Chrome / Firefox / Opera