

## Access Point AP-2407XMU

Access Point AP-2407XMU is a 2x2 TRUE - MIMO-based and 802.3at compliant wireless radio, designed **700mW high**

**output power** 2T2R MIMO AP/CPE/Bridge. Its management utility and user friendly interface provide the ultimate experience of using WiFi AP/CPE/Bridge. It is the best choice for all full outdoor environmental long range wireless Ethernet networking applications: WISP, Internet/LAN extension, rural telephony basing on VOIP gateway, long range wireless surveillance, campus/city/park hotspot, field mesh network...



## Features

- Advanced MIMO technology: 300Mbps 2T2R MIMO 802.11NGB
- Big RF power 700mW(28dBm) or EIRP 40dBm (10-watt with 12-dBi MIMO antenna)
- Huge memory, 32MB + 8MB supporting prevailing and enhanced features (largest user base =128 clients concurrent use , watch-dog no lock-up, AP locator, highest encryption, ping, trace, site survey, QoS, MAC filter, spanning tree...) Max 225 clients based on QOS

- Multi-functional: AP/Bridge/client/repeater
- Multi-SSID: up to 4x SSID
- Powerful network security with 64/128-bit WEP, WPA-PSK, WPA2-PSK, WPA/WPA2
- Auto MDI/ MDIX
- Support VLAN , VPN pass through & SNMP
- Watch-dog function, auto/scheduled reboot
- QoS: WMM, MAC filter, spanning tree protocol
- AP locator software : Window locators utility for centralized management

## Specification

Standards Compliance	IEEE 802.11n/b/g; IEEE 802.3; IEEE 802.3u; IEEE 802.3pd IEEE 802.3x; IEEE 802.3af
SDRAM	32 MB
FLASH	8 MB
Modulation	IEEE802.11b: CCK, DQPSK, DBPSK IEEE802.11n: OFDM with BPSK, QPSK, 16QAM, 64QAM
Radio Frequency Type	DSSS / OFDM
Frequency Band	America/FCC: 2.412~2.462 GHz (11 channels) Europe CE/ETSI: 2.412~2.472 GHz (13 channels)
Transmission Power	Up to 28dBm (700mW) or EIRP 40dBm (10-watt with 12-dBi MIMO antenna)
Transmission Rate	IEEE 802.11b: 1/ 2/ 5.5/ 11 Mbps IEEE 802.11g: 6/ 9/ 12/ 18/ 24/ 36/ 48/ 54 Mbps IEEE 802.11n (2x2 HT20): 13.5/27/40.5/54/81/108/121.5/135 @ GI=800ns 15/30/45/60/90/120/135/150 @ GI=400ns IEEE 802.11n (2x2 HT40): 27/54/81/108/162/216/243/270 @ GI=800ns 30/60/90/120/180/240/270/300 @ GI=400ns
Access Point Interfaces	Auto MDI/MDI-X Ethernet 10/100 Base-TX: RJ-45
Sensitivity	-93@1Mbps; -84dBm @ 11Mbps; -75dBm @ 54Mbps; -68dBm@HT-20, MCS-15; -64dBm@HT40, MCS-15
Antenna Type	12 dBi MIMO
Security Systems	64-bit / 128-bit WEP encryption; Wi-Fi Protected Access (WPA) / WPA2
Wireless Setting	Operation Mode – AP / Repeater / Bridge PtP and PtMP/Client Software/Firmware
Software/Firmware	Site survey DHCP Client Suppressed SSID

	<p>Station Separation</p> <p>Spanning Tree settings</p> <p>Wireless access control by MAC address filter (up to 50)</p> <p>Support multiple SSID with 802.1q VLAN tagging (up to 4)</p> <p>Profile isolation from each other using VLAN (802.1q) standard</p> <p>Web-based configuration via popular browser (MS IE, Google Chrome...)</p> <p>Window locators utility for centralized management</p> <p>Firmware upgrade and configuration backup via Web Browser</p> <p>Reset and/or restore to default by WebUI or by Reset button</p> <p>Support Auto-reboot &amp; schedule reboot</p> <p>VPN pass-through</p> <p>SysLog</p> <p>Support SNMP v1/v2c, MIB I, MIB II (RFC-1213) and private MIB</p> <p>Support QoS (WMM) and wireless traffic shaping &amp; Time settings</p> <p>Support Time settings, Ping function and Trace Route function</p> <p>Maximum clients 128 (each VLAN supports 32 clients)</p>
Operating Environment	-25 ~ +75°C
Power	802.3at PD complied, 48 Volts by external PoE Injector
Regulatory Approval	CE; RoHS, FCC
Network Management System Browser Support	<p>Standard SNMP interface support</p> <p>Windows XP, Vista, Windows 7, Windows 8</p>

## Standard Accessories



25M Cable



2M Cable



POE

Adjustable Mount Kit, Power Cord, Bracket