

JetWave2410 Overview

IEEE 802.11g Wireless Outdoor Access Point/Bridge/AP Client/Repeater



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- Support Wireless LAN IEEE 802.11b/g
- Weatherproof IP66 protection standard (JetWave 2410)
- Four operating modes: Access Point, Bridge, AP Client and Repeater
- Advanced network security with 64/128/152-bit WEP and WPA encryption
- Received Signal Strength Indication (RSSI)
- Integrated 12 dBi flat panel antenna (JetWave 2410)
- Power Over Ethernet Design (DC12V)
- JetWave 2410 IEEE 802.11g Wireless Outdoor Access Point/Bridge/AP Client/Repeater with internal antenna

- JetWave 2410N IEEE 802.11g Wireless Outdoor Access Point/Bridge/AP Client/Repeater with external antenna

Overview

The JetWave 2410 is a 2.4GHz IEEE 802.11g/b Wireless Outdoor Access Point that complies 802.11b/g standards. The JetWave 2410 covers a large operating distance for Wireless LANs and broadband Internet Access with transfer data rate up to 54Mbps. It links two or more separate networks (typically located in different buildings) to create a single expanded LAN quickly, simply, and economically. The JetWave 2410 delivers higher output power and high sensitivity can extend range and coverage to reduce the roaming between APs and get stable wireless connection. The JetWave 2410 supports four different operation modes Access Point, Bridge, AP Client and repeater. Robust weatherproof form factor allow users to install the device outdoor under harsh environment. Combining superior wireless technology and advanced features, the JetWave 2410 Wireless Outdoor Access Point is a reliable, high-performance solution for the most demanding wireless networking environments.

Technology

Standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.11g/b WLAN
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Performance

Radio Frequency Type	DSSS
Modulation	IEEE802.11b: CCK, DQPSK, DBPSK IEEE802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM
Frequency Band	America/FCC: 2.412~2.462 GHz (11 channels) Europe CE/ETSI: 2.412~2.472 GHz (13 channels)
Transmission Power	IEEE802.11b/g: 20dBm
Transmission Rate	IEEE802.11b: 1/ 2/ 5.5/ 11 Mbps IEEE802.11g: 6/ 9/ 12/ 18/ 24/ 36/ 48/ 54 Mbps Super G: up to 108Mbps
Access Point Interfaces	Auto MDI/MDI-X Ethernet 10/100Base-TX: RJ-45
Sensitivity	-86dBm @ 11Mbps, PER< 8%; -64dBm @ 54Mbps, PER< 10%

Antenna Type	JetWave 2410N (with internal antenna removed): External 5 dBi omni-directional antenna, N-type Female antenna connector Wireless communication range (AP to AP): up to 1 KM (outdoor, line of sight)
	JetWave 2410: Internal 12 dBi directional antenna Wireless communication range (AP to AP): up to 7 KM (outdoor, line of sight)
Security Systems	64-bit/128-bit/152-bit/ WEP encryption and Wi-Fi Protected Access(WPA)
Wireless Setting	Operation Mode: Access Point/ Wireless Client/ Repeater/ Bridge(WDS) Point to Point, Point to Multi-Point Mode

Power Requirements

System Power	PoE AC 100V~240V; DC 12Volt +-5%; 2A(Max.);
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Environmental

Operating Temperature	-10°C~70°C
Operating Humidity	10% to 90% (Non-condensing)
Storage Temperature	-20 to 80°C
Storage Humidity	5% to 90% (Non-condensing)
Software/Firmware	Site Survey DHCP Client Suppressed SSID Supports WPA (WPA personal and enterprise) Web-based configuration Windows "Locator" utility to help find IP in DHCP client mode Firmware upgrade and configuration backup via web server Reset to default via web server

Regulatory Approvals

EMI	FCC Class B; CE/EN55022
Windows Utility OS Support	Windows 2000/XP
Warranty	One year limited

Ordering Information

JetWave 2410N US/ EU/ UK/ AU/ JP/ CN 802.11g Wireless Outdoor Access Point with external antenna
Includes:

- 802.11g/b Outdoor AP
- External high gain antenna
- CAT5 25m Cable
- 12VDC Injector, 100-240VAC Power Adapter

JetWave 2410 US/ EU/ UK/ AU/ JP/ CN 802.11g Wireless Outdoor Access Point with internal antenna
Includes:

- 802.11g/b Outdoor AP
- CAT5 25m Cable
- 12VDC Injector, 100-240VAC Power Adapter