

JetWave 2410 Series

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

- Wireless LAN IEEE802.11b/g compliant
- Weatherproof IP66 protection standard(JetWave 2410)
- Supports four operating modes: Access Point, Bridge, AP Client and Repeater
- Supports advanced network security with 64/128/152-bit WEP and WPA encryption
- Provides Received Signal Strength Indication (RSSI)
- Integrated 12 dBi flat panel antenna(JetWave 2410)
- Power over Ethernet design IEEE802.3af compliant



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.

Specifications

Technology

Standard:

IEEE 802.3 10Base-T
IEEE 802.3u 100Base-TX
IEEE 802.11g/b WLAN
IEEE 802.3af Power Over Ethernet

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, no line of sight)

JetWave 2410:

Internal 12 dBi directional antenna
Wireless communication range (AP to AP): up to 7 KM
(outdoor, no 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 :**

DC 48 Volt \pm 5%; 0.4A (Max.); Power output in Ethernet port pins 4,5 (+), 7,8(-)

Environmental

Operating Temperature: -10 ~ 70°C

Operating Humidity: 10% to 90% (Non-condensing)

Storage Temperature: -20 ~ 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 802.11g Wireless Outdoor Access Point with external antenna

Includes:

- 802.11g/b Outdoor AP
- External high gain antenna
- Quick Installation Guide
- CAT5 25m Cable
- 48VDC Injector, 100-240VAC Power Adapter

JetWave 2410 802.11g Wireless Outdoor Access Point with internal antenna

Includes:

- 802.11g/b Outdoor AP
- Quick Installation Guide
- CAT5 25m Cable
- 48VDC Injector, 100-240VAC Power Adapter