

Powerful 2.4GHz & 5GHz Dual-Band SMB Solution

WAP1200

2 x 2 AC Dual-Band Wall-Mount PoE Access Point





- •802.11AC Dual-Band High Speed: IEEE 802.11ac concurrent dual-band with 1200Mbps wireless speed.
- •Easy Installation: Wall-mount design with easy installation kit.
- •Designed for High Density Usage: Supports up to a hundred users simultaneously, ideal for crowded environments and BYOD (Bring Your Own Device) workplaces.
- •Multiple SSIDs for Security Management: Supports up to 32 SSIDs (16 x 2.4GHz & 16 x 5GHz) ideal for multiple departments, user groups, customers or guests.
- •Fast Roaming: Roams smoothly between APs without lag or interruption, ensuring top performance for video and voice streaming applications.
- •Wide Coverage & High Sensitivity: Adjustable RF output power and high receiver sensitivity for wide coverage across large spaces.
- •Seamless Mobility: 1.5x greater coverage than typical APs for blanket coverage to ensure seamless connectivity for Wi-Fi devices across enterprise environments.
- •Power over Ethernet: Supports IEEE 802.3at PoE and IEEE 802.3af PSE out as well as included power adapter.
- •Built-In RADIUS Server: With management for up to 256 user accounts.
- •Business Environments: Mainstream choice for SMBs. Suitable for a wide range of commercial applications such as offices, hotels, meeting rooms, schools, campuses, resorts, retail and others.
- •Central Management: Edimax Pro Network Management Suite (NMS), easy and Intuitive web-based central management suite, supports AP array architecture.
- •Optional Security Cover: Prevents theft and tampering.

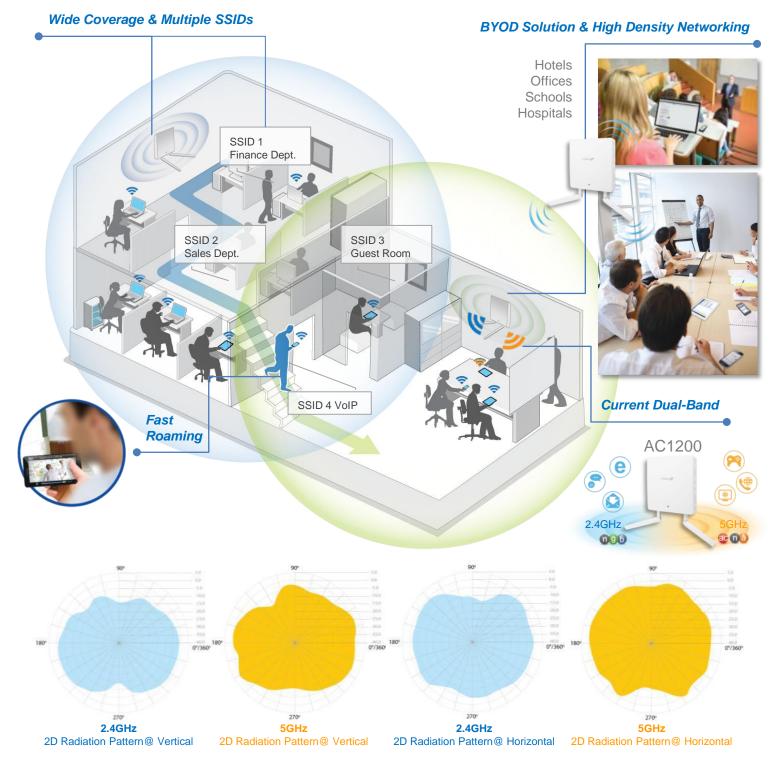
The WAP1200 is high-speed, robust wireless solution designed to meet the needs of modern SMBs with the latest IEEE 802.11ac technology for wireless speeds up to 1200Mbps. A wall-mounted design, industrial-grade performance and build quality combined with user-friendly operation, 11ac speeds and an extensive feature set make an ideal dual-band solution for day-to-day enterprise operations.

EDIMAX (ET)

For businesses that demand security, flexibility and speed the Edimax Pro series has a wide range of potential applications from office environments to schools, campuses, hotels and hospitals. Multiple SSIDs can be configured for different departments or user groups and a built-in RADIUS server provides additional verification with a scalable AP array architecture for central management of multiple access points. High-density capacity for up to 100 simultaneous users is ideal for BYOD workplaces or other environments with a high volume of users and wireless devices, and fast roaming allows for seamless transitions between multiple access points. Power over Ethernet support (PoE) and an intuitive web-based management interface provide deployment flexibility and extensive management options for company MIS departments and network administrators. An optional security cover also prevents physical theft or tampering, along with a rogue AP detection function to safeguard your network from unauthorized access.

When performance and security are critical for your business, you need products that are engineered for your industry. The Edimax Pro series is designed to help your business and provide the connectivity that you rely on every day, with safety and effectiveness guaranteed.





Central Network Management Suite



Edimax Pro NMS (Network Management Suite) is a web-based wireless network management system. Company MIS persons can plan and manage Edimax Pro access points' powerful functionality according to their office space using an easy, remote web-based interface which includes a dashboard, map view, traffic statistics and wireless client list for network-wide remote administration. RADIUS settings, WLAN group settings, access control, guest network settings and firmware upgrades can all be managed centrally from a single location to reduce network downtime, aid troubleshooting and optimize network performance. Zone plans and setup wizards are also available for expanding and managing large networks with multiple access points.



2 x 2 AC Dual-Band Wall-Mount PoE Access Point

SPECIFICATIONS

| LAN Interface Riga x 2 | Hardware | | |
|--|-------------------------------|--|--|
| PoE | LAN Interface | Giga x 2 | |
| Antenna Type: 2 x External / Gain: 2dBi (2.4GHz), 2dBi (5GHz) Power DC: 12V / 2.5A (Exclude PoE-Out) Dimensions (L x W x H) 18.3 x 18.3 x 3.6 cm Weight 527g Power Consumption (Full Loading) 12W (Exclude PoE-Out) Mounting Wall / Desktop Console RJ45 WPS/Reset Y LED Indicator 1. Power LED 2. Diag LED Environmental Conditions Operating Temperature: 0°C (32°F) to 50°C (122°F) Operating Temperature: 0°C (32°F) to 50°C (122°F) Operating Humidity: 90% or Less Boundard 802.3az Internal Buzzer Y Security Cover Y (Optional) Wireless Standard 802.11 a/b/g/n/ac Concurrent Dual-Band No. of Radios 2 Max. Output 2.4GHz: 27.5(±2)dBm 5GHz: 27.5(±2)dBm Power (dBm) 2.4GHz: 27.5(±2)dBm 5GHz: 27.5(±2)dBm Receiver Sensitivity ≤ -94.5dBm Transmit Power (mW) 400mW/400mW Certification CE/FCC Fast Roaming Y Wireless | PoE | 9 | |
| Power | 102 | | |
| DC: 12V / 2.5A (Exclude PoE-Out) | Antenna | | |
| Dimensions (Lx W x H) 18.3 x 18.3 x 3.6 cm (Lx W x H) 527g | | | |
| Dimensions | Power | | |
| (L x W x H) | Dimensions | | |
| Weight S27g | | 18.3 x 18.3 x 3.6 cm | |
| Power | | 527a | |
| Consumption (Full Loading) 12W (Exclude PoE-Out) Mounting Console Wall / Desktop Console RJ45 WPS/Reset Y LED Indicator 1. Power LED 2. Diag LED Environmental Conditions Operating Temperature: 0°C (32°F) to 50°C (122°F) Operating Humidity: 90% or Less Power Saving Internal Buzzer 802.3az Internal Buzzer Y Security Cover Y (Optional) Wireless Standard No. of Radios 2 Max. Output Power (dBm) 2.4GHz: 27.5(±2)dBm 5GHz: 27.5(±2)dBm Receiver Sensitivity ≤ -94.5dBm Transmit Power (mW) 400mW/400mW Certification CE/FCC Fast Roaming Y Number of SSIDs 16 (2.4GHz) + 16 (5GHz) Performance Maximum Data Speed Concurrent Clients Up to 50 Per Radio Software Wireless Mode Wireless Mode AP / WDS AP / WDS Bridge 802.1q VLAN Y (VID = 1-4094) Spanning Tree RSTP QoS Max Associated Station No. | | 021g | |
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| CLI (Telnet, SSH) RADIUS Server Built-In | | | |
| RADIUS Server Built-In | Configuration | SNIMP V1 V2C V3 | |
| | Configuration | | |
| Auto-Channel Y | | CLI (Telnet, SSH) | |
| | RADIUS Server | CLI (Telnet, SSH) Built-In | |
| Private MIB Y | RADIUS Server Auto-Channel | CLI (Telnet, SSH) Built-In Y | |

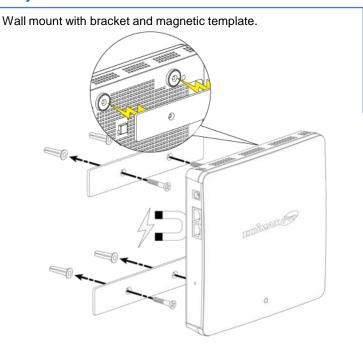
| RF Specifications | | |
|-----------------------------------|--|---|
| Frequency Band | •Radio I: 802.11b/g/n 2.412~2.484(GHz) •Radio II: 802.11a/n/ac 5.18~5.24(GHz), 5.26~5.32(GHz), 5.5~5.7(GHz), 5.745~5.825(GHz) (The supported frequency band is restricted by local regulations.) | |
| Operation Channels | •2.4GHz: US/Canada 1-11 / Europe 1-13 / Japan 1-14 •5GHz: Country dependent for the following ranges: 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 149, 153, 157, 161, 165 | |
| Transmit Power | 802.11b 23dBm@1Mbps 23dBm@2Mbps 23dBm@5.5Mbps 23dBm@5.5Mbps 23dBm@11Mbps 802.11g 23dBm@6Mbps 23dBm@9Mbps 23dBm@12Mbps 23dBm@18Mbps 23dBm@22Mbps 23dBm@24Mbps 22dBm@36Mbps 20dBm@48Mbps 19dBm@54Mbps 802.11gn (2.4G) 27.5dBm@MCS0/8/16 26.5dBm@MCS1/9/17 26.5dBm@MCS3/11/19 25.5dBm@MCS3/11/19 25.5dBm@MCS5/13/21 23.5dBm@MCS5/13/21 23.5dBm@MCS5/13/21 23.5dBm@MCS5/14/22 22.5dBm@MCS7/15/23 | 802.11a 22dBm@6Mbps 22dBm@1Mbps 22dBm@12Mbps 22dBm@18Mbps 22dBm@24Mbps 22dBm@36Mbps 19dBm@48Mbps 19dBm@48Mbps 18dBm@54Mbps 802.11an(5G) 27.5dBm@MCS0/8/16 26.5dBm@MCS1/9/17 26.5dBm@MCS3/11/19 25.5dBm@MCS3/11/19 25.5dBm@MCS3/11/19 25.5dBm@MCS3/11/19 25.5dBm@MCS6/14/22 24.5dBm@MCS6/14/22 22.5dBm@MCS6/14/22 33.5dBm@MCS6/14/22 22.5dBm@MCS6/14/22 22.5dBm@MCS6/14/22 22.5dBm@MCS6/14/22 23.5dBm@MCS6/14/22 23.5dBm@MCS6/14/22 23.5dBm@MCS6/14/22 23.5dBm@MCS6/14/22 23.5dBm@MCS6/14/22 25.5dBm@MCS6/14/22 25.5dBm@MCS6/14/22 25.5dBm@MCS6/14/22 25.5dBm@MCS6/14/22 25.5dBm@MCS6/14/22 25.5dBm@MCS6/126.5dBm@MCS1 26.5dBm@MCS1 26.5dBm@MCS3 25.5dBm@MCS4 24.5dBm@MCS8 23.5dBm@MCS6 22.5dBm@MCS7 20.5dBm@MCS8 19.5dBm@MCS9 |
| Receiver Sensitivity | 802.11b | 802.11a ≤-90dBm@6Mbp ≤-72dBm@54Mbps 802.11an(5G) ≤-94.5dBm@MCS0 ≤-70.5dBm@MCS7 ≤-90dBm@MCS15 ≤-90dBm@MCS15 ≤-90dBm@MCS16 ≤-66dBm@MCS23 802.11ac ≤-90.5dBm@MCS0 ≤-60.5dBm@MCS9 |
| Security | MED (ME | NA / NA/DAO |
| Encryption Wireless L2 | WEP / WPA / WPA2 | |
| Isolation | Y | |
| Station Isolation | Y | |
| IEEE 802.1x | | |
| Authenticator | Y | |
| EAP | FAP-FAST/FAF | P-SIM/EAP-AKA |
| Authentication | | |
| Hidden SSID | \ | <u> </u> |
| MAC Address Filter | Y | |
| Wireless STA | Y | |
| Rogue AP Detection (w/ NMS) | Y | |

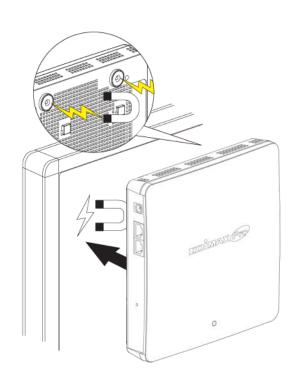




2 x 2 AC Dual-Band Wall-Mount PoE Access Point

Easy Installation Kit





Optional Accessory: Security Cover (SC1000)

| Security Cover for Edimax Pro WAP Series Access Point | | |
|---|--|--|
| Dimensions (L x W x H) | 252.25 x 199 x 28.59 mm | |
| Weight (g) | 445g | |
| Environment Condition | Operating Temperature: 0°C (32°F) to 50°C (122°F) | |
| Environment Condition | Operating Humidity: 90% or Less | |
| Package Content | Security Cover / Mounting Bracket / Screws / Ejector Key / Key / QIG | |

Network security is a critical concern for any modern business and begins with the hardware itself. Edimax Pro access points can be tampered with a robust security cover and lock, preventing the access point from being tampered with or removed and restricting access to authorized persons only.

Kensington Security Slot

Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice. Copyright © 2014 Edimax Technology Co. Ltd. All rights reserved.

