



AIRY-AP1200
COMMANDO AirY 1200Mbps, 802.11ac Wave
2 MU-MIMO, Access Point

Contents

Product Overview

Product Highlights

Features and Benefits

Software

Hardware

Specifications

Support & Warranty

Ordering Information

Document History

Product Overview

COMMANDO AIRY-AP1200 is a Wi-Fi 5 indoor ceiling-mount Access Point that operates exclusively in standalone FAT mode. It delivers an aggregate wireless throughput of up to 1200Mbps with dual-band wireless connectivity, offering up to 300Mbps on the 2.4GHz band and up to 900Mbps on the 5GHz band. Leveraging IEEE 802.11ac Wave 2 MU-MIMO technology, it provides efficient, high-performance wireless connectivity for modern business applications. The access point is designed to deliver reliable wireless coverage for small and medium enterprises, offices, educational institutions, hospitality, retail, and other commercial environments.

The access point supports IEEE 802.11ac/a/b/g/n standards with backward compatibility for legacy wireless devices, delivering combined wireless speeds of up to 1200Mbps across the 2.4GHz and 5GHz bands. Advanced wireless technologies help improve network efficiency, increase client capacity, and provide stable wireless performance for modern applications.

Equipped with Gigabit WAN and LAN interfaces, support for IEEE 802.3af PoE and DC power input, multiple operating modes including Gateway, AP, Repeater, and WISP, and support for up to 8 SSIDs, COMMANDO AIRY-AP1200 provides flexible deployment options for a wide range of networking environments.

Its compact ceiling-mount design, high-gain built-in antennas, silent operation, and easy plug-and-play installation make it an ideal wireless solution for organizations seeking cost-effective, secure, and dependable Wi-Fi connectivity.

Product Highlights

- Wi-Fi 5 Indoor Ceiling-Mount Access Point with dual-band 2×2 MIMO (2.4GHz) and 2×2 MIMO (5GHz) architecture, delivering an aggregate wireless throughput of up to 1200Mbps.
- Supports IEEE 802.11ac Wave 2 MU-MIMO technology while maintaining backward compatibility with IEEE 802.11a/b/g/n wireless devices.
- Supports Gateway Mode, AP Mode, Repeater Mode, and WISP Mode, providing flexible deployment options for enterprise, commercial, and business wireless networks.
- Supports up to 128 concurrent wireless users with up to 8 SSIDs (4 per radio) for efficient wireless access management.
- Provides wireless coverage of up to 90–100 meters radius, depending on deployment, site layout, and environmental conditions.
- Equipped with one Gigabit WAN port with IEEE 802.3af PoE support and one dedicated Gigabit LAN port, ensuring reliable high-speed wired connectivity.
- Supports IEEE 802.3af PoE and DC 12V/1A dual power input, enabling flexible installation and simplified deployment.
- Built-in high-gain dual-band MIMO antennas with adjustable RF transmit power deliver optimized wireless coverage and stable signal performance.
- Compact ceiling-mount design with concealed network ports for clean, professional installations.
- Industrial-grade hardware design with integrated ESD protection ensures reliable long-term operation.

Features and Benefits

Easy to Use

COMMANDO AIRY-AP1200 is a standalone (FAT AP) access point designed for simple deployment and management through an intuitive WEB GUI. It requires minimal configuration, making installation quick and hassle-free. Auto-negotiation detects the link speed of connected wired devices and optimizes compatibility and performance. Built-in Wi-Fi management features help simplify wireless configuration and maintenance. The compact ceiling-mount design and dynamic LED indicators provide convenient installation and real-time device status monitoring.

Wi-Fi 5 Technology

Built on the IEEE 802.11ac standard, COMMANDO AIRY-AP1200 delivers combined wireless speeds of up to 1200Mbps over dual-band 2.4GHz and 5GHz operation. With MU-MIMO technology, the access point can communicate with multiple client devices simultaneously, improving network efficiency and enhancing the wireless experience for connected users.

Gigabit Ethernet Connectivity

Equipped with Gigabit WAN and Gigabit LAN ports, the access point provides reliable high-speed wired connectivity to fully utilize wireless network performance. The ports support auto-negotiation and IEEE 802.3af PoE for flexible deployment.

Wireless Client Support

Supports up to 128 wireless users and provides wireless coverage up to 90–100 meter radius, depending on installation environment and surrounding conditions, making it suitable for offices, educational institutions, hotels, and commercial environments.

Support Multi-SSID and VLAN

Supports up to 8 SSIDs with VLAN functionality, allowing network administrators to separate different user groups and improve network security and management flexibility.

Flexible Network Deployment

Supports multiple operating modes including Gateway Mode, AP Mode, Repeater Mode, and WISP Mode, enabling the device to adapt to different networking requirements without additional hardware.

Enhanced Wireless Security

Supports advanced wireless security mechanisms including OPEN, WPA/WPA2-PSK (TKIP/AES), and WPA3-PSK (AES) authentication. Additional security features such as Wireless MAC Filtering and Client Isolation help protect the wireless network.

Auto MDIX Capabilities

Auto sensing Gigabit Ethernet ports with auto MDI/MDIX capabilities automatically eliminate speed and duplex mismatches, simplifying network installation.

Compact and Silent Performance

The fanless design operates quietly, making it ideal for offices, classrooms, conference rooms, hotels, hospitals, libraries, and other noise-sensitive environments.

Support Uninterrupted Critical Network Infrastructure

Supports IEEE 802.3af PoE and DC power input, providing flexible installation options and helping maintain continuous network operation in different deployment scenarios.

Cost Effective Solution

Combining high-speed wireless performance, multiple operating modes, advanced security, and easy management, COMMANDO AIRY-AP1200 provides an economical networking solution for small and medium-sized business environments.

Green Technology

Supports energy-efficient operation to help reduce power consumption while maintaining reliable wireless performance. The compact design and efficient hardware platform contribute to environmentally friendly network deployment.

Software

COMMANDO AIRY-AP1200 supports standalone FAT AP mode with an easy-to-use WEB GUI for local management and configuration.

Monitoring

Wireless AP Download/Upload Speed, System Uptime, Device Information, Device Description, LAN Information, Wi-Fi Information, and Running Status.

System Setup

Basic Settings, Backup Configuration, Restore Configuration, Restore Factory Settings, Firmware Upgrade, Scheduled Reboot, Immediate Reboot, Time Management, and System Log.

Network

Supports Gateway Mode, AP Mode, Repeater Mode, and WISP Mode.

Gateway Mode

- Static IP
- DHCP
- PPPoE

AP Mode

- Ethernet uplink for Internet access.
- Supports built-in DHCP Server or operation with an external DHCP Server.

Repeater Mode

- Extends the coverage of an existing wireless network without additional cabling.

WISP Mode

- Connects to an Internet Service Provider (ISP) wirelessly and shares the connection with local wired and wireless clients.

Additional Network Features

- Built-in DHCP Server or operation with an external DHCP Server.
- Basic Firewall Function.
- PPPoE Support.

Wireless Management

Wireless Features

- SSID Broadcast
- Multi SSID up to 8 (4 SSIDs for 2.4GHz and 4 SSIDs for 5GHz)
- Hide SSID
- RF Power Adjustment
- Wi-Fi Schedule
- Client Isolation
- Wireless MAC Address Filtering
- VLAN Support

Wireless Security

Supports:

- OPEN
- WPA/WPA2-PSK (TKIP/AES)
- WPA3-PSK (AES)

Device Management

Supports:

- Backup Configuration
- Restore Configuration
- Factory Reset
- Firmware Upgrade
- Scheduled Reboot
- Immediate Reboot
- Time Synchronization
- System Log

Firewall and Network Services

- Built-in Firewall
- DHCP Server
- PPPoE Support
- Wireless MAC Address Filtering

User Management

Displays wireless client information including:

- IP Address
- MAC Address
- Connected SSID
- Signal Strength
- Connection Time

Easy Configuration

COMMANDO AIRY-AP1200 provides an intuitive WEB GUI interface for easy deployment and management. It supports Plug-and-Play installation, built-in Wi-Fi management functions, dynamic LED status indication, and requires minimal configuration for operation.

Logs

Supports System Logs for device monitoring and troubleshooting.

Hardware

Solid Performance with Non-Blocking Architecture

Powered by a high-performance hardware platform with SPI NOR Flash memory and DDR3 RAM, COMMANDO AIRY-AP1200 delivers reliable data processing capability and stable Wi-Fi 5 wireless performance.

Equipped with 1 × 10/100/1000Mbps WAN port with IEEE 802.3af PoE support and 1 × 10/100/1000Mbps LAN port, it provides high-speed wired connectivity to fully utilize wireless network performance.

Designed with a non-blocking architecture to ensure smooth and stable data transmission for multiple wireless users and business applications.

Physical Ports and Networking Interfaces

- 1 × 10/100/1000Mbps RJ-45 WAN Port with IEEE 802.3af PoE support
- 1 × 10/100/1000Mbps RJ-45 LAN Port
- Triple-Color LED Status Indicators
- Reset Button
- DC 12V Power Input

Extra Long Operational Life

Built with a high-quality PCB design and reliable hardware components for long-term stable operation.

Supports an operating temperature range suitable for enterprise and commercial indoor deployments.

The compact ceiling-mount design enables easy installation in offices, educational institutions, hotels, hospitals, retail stores, and other business environments.

Integrated ESD and surge protection enhance hardware reliability and help protect the device from electrical disturbances.

Extended Wireless Coverage

Built with high-performance MIMO antennas to provide broad wireless coverage and stable signal performance.

Supports Wi-Fi 5 wireless coverage up to 90-100 meter radius, depending on the installation environment and surrounding conditions, making it suitable for medium and large indoor deployments.

Noise-Free Operation

The fanless and silent hardware design ensures quiet operation, making it ideal for conference rooms, classrooms, offices, hospitals, hotels, libraries, and other noise-sensitive environments.

Support Uninterrupted Critical Network Infrastructure

Supports dual power options through **IEEE 802.3af PoE and DC power input**, providing flexible installation and helping maintain reliable operation for business-critical wireless networks.

Specifications

Technical Specifications

Supports 2.4GHz + 5GHz dual-band operation with IEEE 802.11ac/a/b/g/n standards and backward compatibility for legacy wireless clients. It is a standalone Access Point supporting up to 8 SSIDs, with wireless security options including OPEN, WPA/WPA2-PSK (TKIP/AES), and WPA3-PSK (AES). The device supports multiple operating modes including Gateway Mode, AP Mode, Repeater Mode, and WISP Mode. Dual power options are available through IEEE 802.3af PoE or DC 12V/1A power input.

Table 1. Specifications

Technical Parameters	Specification
Model	AIRY-AP1200
IEEE Standard	IEEE 802.11ac/a/b/g/n
Memory	128MB DDR3 RAM
Flash	SPI NOR 8MB
Antenna	Built-in MIMO Antenna
2.4G Antenna	2 × 5dBi
5G Antenna	2 × 4dBi
Hardware Interfaces	1 × 10/100/1000Mbps RJ-45 WAN Port with IEEE 802.3af PoE support 1 × 10/100/1000Mbps RJ-45 LAN Port 1 × Reset Button (Restore to Factory Default) 1 × DC Power Input
Frequency	Dual Radio 2.4GHz + 5GHz
Wireless Data Rate	2.4GHz: Up to 300Mbps 5GHz: Up to 900Mbps Total Throughput: Up to 1200Mbps

Technical Parameters	Specification
Wi-Fi Operational Modes	Gateway Mode, AP Mode, Repeater Mode, WISP Mode
Concurrent End Users	Up to 128
Multiple SSID	Up to 8 SSIDs (4 for 2.4GHz and 4 for 5GHz)
Wireless Security	OPEN, WPA/WPA2-PSK (TKIP/AES), WPA3-PSK (AES)
Access Control Features	Wireless MAC Address Filtering, User Quantity Limitation, Client Isolation
Wireless Features	RF Power Adjustment, Hide SSID, Wi-Fi Schedule, VLAN
Firewall	Built-in Firewall
Management	Standalone WEB GUI Management Backup and Restore Configuration Firmware Upgrade Scheduled Reboot System Log
Reset	Hardware Reset Button
Power Input	IEEE 802.3af PoE or DC 12V/1A
Power Consumption	< 10W
Indicator Light	Triple Color LEDs (Red, Green, Blue)
Environmental	Operating Temperature: -20°C to 45°C Storage Temperature: -40°C to 70°C Humidity: 5% ~ 95% (Non-condensing)
ESD Protection	Air: ±6KV, Contact: ±6KV
Protocol	IPv4
Warranty Period	2 Year

Table 2. COMMANDO AIRY-AP1200 LED Indication

LED Indicator	LED Status
SYS (Red)	System Power and Device Status Indication
2.4G (Green)	2.4GHz Wireless Network Status Indication
5G (Blue)	5GHz Wireless Network Status Indication

Included in the Bundle/Box

COMMANDO AIRY-AP1200 comes with the following accessories:

- 1 × COMMANDO AIRY-AP1200 Wi-Fi 5 Access Point
- 1 × LAN Cable
- 1 × Mounting Accessories
- 1 × Gift Box

Support and Warranty

- Same-day assistance
- Comprehensive 24-hour support using common communication/chat platforms, Email and Telephone.
- Provide FAQs and troubleshooting help online (self-service) through cloud-based solutions.
- Highly technical and trained representatives to resolve issues.
- Two-year default warranty with option of warranty extension up to 3 years

COMMANDO WarrantyX Program available
on: <https://www.commandonetworks.com/warranty>

Table 3. Support and Warranty

Warranty and Support	
Products covered	COMMANDO AirY 1200Mbps, 802.11ac Wave 2 MU-MIMO, Access Point
Warranty duration	Two Year RTB (Return To Base) replacement warranty – optionally extendable up to 3 years.
Hardware replacement	COMMANDO, its resellers or its service center will use commercially reasonable efforts to replace the product subject to stock availability. Otherwise, a replacement will be arranged within 15 working days after receipt of the Return Materials Authorization (RMA) request.
End-of-life policy	In case of discontinuation of the product, support is limited to 3 years from announcement date.
Effective date	Hardware warranty commences from the date of shipment to customer (and in case of resale by a COMMANDO reseller, not more than 90 days after original shipment by COMMANDO).
Support duration	Lifetime support.
COMMANDO Care	COMMANDO will provide 24x7 support for basic configuration, diagnosis, and troubleshooting of device-level problems for up to one year from the date of shipment of the originally purchased product. This support does not include solution or network-level support beyond the specific device under consideration.
Online Portal Access	Warranty allows guest access to commandonetworks.com for all available technical queries.

Ordering Information

To place an order, please contact your local reseller/distributor or COMMANDO Sales Representative at www.commandonetworks.com/catalog

Table 4. COMMANDO Indoor AP Ordering Information

Product Code	Product Description
AIRY-AP1200	COMMANDO AirY 1200Mbps, 802.11ac Wave 2 MU-MIMO, Access Point
AIRY-AP5000MB	COMMANDO AirY 5000Mbps, 2.5G 802.11be, 4K-QAM MLO MRU, WiFi 7 Access Point
AIRY-AP3000AX	COMMANDO AirY 3000Mbps, 802.11ax OFDMA+MU-MIMO, WiFi 6 Access Point
AIRY-AP1500AX	COMMANDO AirY 1500Mbps, 802.11ax OFDMA+MU-MIMO, WiFi 6 Access Point

Document History

Release	New or Revision	Described in	Date
Release 1	First Release	First Release	July 1st, 2026