



AIRY-AP1500AX

COMMANDO AirY 1500Mbps, 802.11ax
OFDMA+MU-MIMO, WiFi 6 Access Point

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Product Overview

COMMANDO AIRY-AP1500AX is a Wi-Fi 6 indoor Access Point that operates in standalone mode. It delivers an aggregate wireless throughput exceeding 1500Mbps with dual-band wireless connectivity, offering up to 300Mbps on the 2.4GHz band and up to 1201Mbps on the 5GHz band. Leveraging IEEE 802.11ax technologies including OFDMA and MU-MIMO, 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 dual-band wireless operation, Multi SSID, AP operating modes, and advanced wireless security features including OPEN, WPA/WPA2-PSK, and WPA3-PSK authentication. It also supports 5G Priority, RF power adjustment, client isolation, VLAN settings, and wireless MAC filtering for improved network performance and security.

Designed for easy deployment, the AIRY-AP1500AX features an elegant ceiling-mount design with concealed ports and supports 48V PoE (IEEE 802.3af) as well as DC 12V/1.5A power input options for flexible installation. The intuitive WEB GUI management interface simplifies configuration, firmware upgrades, system maintenance, and day-to-day network administration.

Product Highlights

- Wi-Fi 6 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 1500Mbps.
- Supports IEEE 802.11ax (Wi-Fi 6) with OFDMA and MU-MIMO technologies, while maintaining backward compatibility with IEEE 802.11ac/a/b/g/n wireless devices.
- Supports AP Mode, providing a simple and reliable standalone wireless networking solution for enterprise and commercial environments.
- Supports up to 128 concurrent wireless users with up to 8 SSIDs (4 per radio), enabling efficient wireless access management.

- Provides wireless coverage of up to 120–150 meters radius, depending on deployment, site layout, and environmental conditions.
- Equipped with one Gigabit RJ-45 WAN port with IEEE 802.3af PoE support, ensuring reliable high-speed wired connectivity and simplified deployment.
- Supports IEEE 802.3af PoE and DC 12V/1.5A dual power input, providing flexible installation options for a wide range of deployment scenarios.
- Built-in high-gain dual-band MIMO antennas with adjustable RF transmit power deliver optimized wireless coverage and consistent signal performance.
- Elegant ceiling-mount design with concealed network ports enables clean, professional installations across offices, educational institutions, hospitality, retail, healthcare, and other commercial environments.
- Industrial-grade hardware design with integrated ESD and surge protection ensures reliable, long-term operation in demanding enterprise environments.

Features and Benefits

Easy to Use

COMMANDO AIRY-AP1500AX is a standalone WEB GUI based Wi-Fi 6 Access Point designed for simple deployment and management. It requires minimal configuration, making installation quick and hassle-free. Auto-negotiation automatically detects the link speed of wired network devices on the Gigabit WAN port for optimal performance. The elegant ceiling-mount design with hidden ports provides clean cabling and easy installation in offices, educational institutions, hotels, and commercial environments. Triple-color LED indicators provide real-time device status information for simplified monitoring and basic fault diagnosis.

Wi-Fi 6 Technology

Built with IEEE 802.11ax technology, COMMANDO AIRY-AP1500AX delivers high-speed dual-band wireless connectivity with a combined throughput of up to 1500Mbps. It provides up to 300Mbps on the 2.4GHz band and up to 1201Mbps on the 5GHz band, ensuring reliable wireless performance for modern business applications.

Gigabit Ethernet Connectivity

The Gigabit WAN interface provides reliable high-speed wired connectivity and supports IEEE 802.3af Power over Ethernet (PoE), simplifying installation and reducing deployment costs. Dual power options through PoE and DC input provide greater installation flexibility.

Wireless Client Support

Supports up to 64 wireless users per band, allowing a maximum of 128 users to connect simultaneously. The dual-band architecture helps distribute wireless traffic efficiently for improved user experience.

Multi-SSID and Network Segmentation

Supports up to 8 SSIDs (4 SSIDs on the 2.4GHz band and 4 SSIDs on the 5GHz band). VLAN settings help separate network traffic and improve network security for different user groups and applications.

Wireless Security

Supports advanced wireless security including OPEN, WPA/WPA2-PSK (TKIP/AES), and WPA3-PSK (AES). Wireless MAC filtering and client isolation help protect the wireless network and improve stability.

Operating Modes

Supports AP Mode for network deployment.

RF Power Adjustment

Supports RF power adjustment based on the installation environment, helping optimize wireless coverage and overall network performance.

Easy Device Management

Provides an intuitive WEB GUI for configuration and maintenance. Supports configuration backup and restore, firmware upgrades, factory reset, administrator password management, scheduled reboot, immediate reboot, and system log functions.

Support Uninterrupted Critical Network Infrastructure

Dual power input through IEEE 802.3af PoE and DC 12V/1.5A helps improve installation flexibility and provides reliable operation for business-critical wireless networks.

Elegant Design

The ceiling-mounted design with concealed ports provides a neat and professional installation while reducing cable clutter.

Green Technology

Supports Wi-Fi scheduling, allowing wireless services to be enabled or disabled based on operational requirements, helping reduce unnecessary power consumption and improve energy efficiency.

Software

COMMANDO AIRY-AP1500AX supports standalone operation with an easy-to-use WEB GUI for local management and configuration.

Monitoring

Device Information, System Status, LAN Information, Wi-Fi Information, Connected Clients, and Running Status.

System Setup

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

Network

Supports AP Mode.

AP Mode

- Ethernet uplink for Internet access.

Additional Network Features

- VLAN Settings
- IPv4 Support

Wireless Management

Wireless Features

- SSID Broadcast
- Multi SSID up to 8 (4 SSID for 2.4GHz and 4 SSID for 5GHz)

- Hide SSID
- 5G Priority
- Wi-Fi Schedule
- RF Power Adjustment
- User Quantity Limitation (Maximum 64 users per band)
- Client Isolation
- Wireless MAC Filtering

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
- Administrator Password Management
- System Log
- Firmware WEB GUI Management

User Management

Displays wireless client information including:

- Connected Client Information
- MAC Address
- Connected SSID
- Client Status

Easy Configuration

COMMANDO AIRY-AP1500AX provides an intuitive WEB GUI interface for easy deployment and management. It supports simple installation, configuration backup and restore, firmware upgrades, 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-AP1500AX delivers reliable data processing capability and stable Wi-Fi 6 wireless performance.

Equipped with Gigabit WAN and Gigabit LAN interfaces, it provides high-speed wired connectivity to fully utilize wireless network performance.

Designed with a non-blocking architecture to ensure smooth and efficient 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 industrial-grade components for reliable long-term operation.

Supports a wide operating temperature range for stable indoor deployment.

The elegant ceiling-mount design with concealed ports provides a clean and professional installation for offices, educational institutions, hotels, hospitals, and commercial environments.

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

Extended Wireless Coverage

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

Supports wireless coverage up to 120–150 meters, 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 installation flexibility and helping maintain reliable operation for business-critical wireless networks.

Specifications

Technical Specifications

Supports 2.4GHz + 5GHz dual-band operation with IEEE 802.11ax/ac/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 AP Mode, with dual power options through IEEE 802.3af PoE or DC 12V/1.5A power input.

Table 1. Specifications

Table 1. Specifications

Technical Parameters	Specification
Model	AIRY-AP1500AX
IEEE Standard	IEEE 802.11ax/ac/a/b/g/n
CPU	RTL8197H-VE5-CG + RTL8832BR-CG + 8367RB-VC-CG
Memory	128MB DDR3 RAM
Flash	SPI NOR 16MB
Antenna	Built-in MIMO Antenna
2.4G Antenna	2 × 4dBi
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 1201Mbps
	Total Throughput: Up to 1500Mbps
Wi-Fi Operational Modes	AP Mode
Concurrent End Users	Up to 128 (64 users per band)
Multiple SSID	Up to 8 SSIDs (4 for 2.4GHz and 4 for 5GHz)

Technical Parameters	Specification
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	5G Priority, Wi-Fi Schedule, Hide SSID, RF Power Adjustment
Networking Features	VLAN Settings
Management	Firmware 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/1.5A
Power Consumption	< 12W
Indicator Light	Triple Color LEDs (Red, Green, Blue)
Dimension	186 × 42.5mm
Environmental	Operating Temperature: -10°C to 55°C Storage Temperature: -40°C to 70°C Humidity: 5% ~ 95% (Non-condensing)
ESD Protection	Air: ±8KV, Contact: ±6KV
Electrical Surge Protection	Common Mode: 2KV, Differential Mode: 1KV
Protocol	IPv4
Warranty Period	2 Year

Table 2. COMMANDO AIRY-AP1500AX LED Indication

LED Indicator	LED Status
LED Status	System Power and Device Status Indication
2.4G (Green)	2.4GHz Wireless Network Status Indication
5.8G (Blue)	5GHz Wireless Network Status Indication

Included in the Bundle/Box

COMMANDO AIRY-AP1500AX comes with the following accessories:

- 1 × COMMANDO AirY Wi-Fi 6 Access Point (AIRY-AP1500AX)
- 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 1500Mbps, 802.11ax OFDMA+MU-MIMO, WiFi 6 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-AP1500AX	COMMANDO AirY 1500Mbps, 802.11ax OFDMA+MU-MIMO, WiFi 6 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-AP1200	COMMANDO AirY 1200Mbps, 802.11ac Wave 2 MU-MIMO, Access Point

Document History

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