



AIRY-APO1200

COMMANDO AirY 1200Mbps, 802.11ac, 360°
Outdoor Access Point

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Product Overview

COMMANDO AIRY-APO1200 is a cost-effective Wi-Fi 5 Outdoor Access Point designed to provide reliable wireless connectivity for outdoor environments such as campuses, warehouses, hospitality venues, industrial facilities, and public spaces. Supporting IEEE 802.11ac technology, it delivers combined wireless speeds of up to 1166Mbps, with 300Mbps on the 2.4GHz band and 866Mbps on the 5GHz band.

The access point is equipped with a 10/100Mbps WAN port with 24V PoE support, a 10/100Mbps LAN port, and 12V DC power input, providing flexible deployment options for outdoor installations. Equipped with two high-gain 5dBi antennas and an IP65-rated outdoor enclosure, it delivers reliable 360° wireless coverage and supports up to 90–100 meter wireless coverage radius in outdoor deployments.

Built on a hardware platform with 64MB DDR2 memory and 8MB Flash, the AIRY-APO1200 supports Gateway Mode, AP Mode, and Repeater Mode, making it suitable for a wide range of outdoor networking applications.

With support for multiple SSIDs, VLAN configuration, MAC filtering, client isolation, RF power adjustment, and WEB GUI management, the COMMANDO AIRY-APO1200 provides a reliable and easy-to-deploy outdoor wireless networking solution.

Product Highlights

- Entry-level Wi-Fi 5 Outdoor Access Point delivering aggregate wireless throughput of up to 1166Mbps (300Mbps @ 2.4GHz + 866Mbps @ 5GHz).
- Supports IEEE 802.11ac with backward compatibility for IEEE 802.11a/b/g/n wireless devices, ensuring broad client compatibility.
- Equipped with one 10/100Mbps WAN port with 24V PoE support and one 10/100Mbps LAN port for reliable outdoor network connectivity.
- Supports up to 64 concurrent wireless users per band and up to 8 SSIDs, enabling wireless network segmentation for multiple user groups.
- Provides wireless coverage of up to 90–100 meters radius, depending on deployment, site layout, and environmental conditions.
- Supports Gateway, AP, and Repeater operating modes, providing flexible deployment for a wide range of outdoor networking applications.

- Supports 24V PoE and 12V DC dual power input, simplifying installation in locations where power availability is limited.
- Equipped with two high-gain 5dBi external dual-band antennas delivering reliable 360° outdoor wireless coverage and stable signal performance.
- IP65-rated weatherproof enclosure with built-in ESD and surge protection ensures reliable operation in challenging outdoor environments.
- Compact, lightweight, and energy-efficient outdoor design with less than 7W power consumption, enabling cost-effective long-term deployment.

Features and Benefits

High-Speed Dual-Band Wi-Fi

Supporting IEEE 802.11ac (Wi-Fi 5) technology, the AIRY-APO1200 delivers combined wireless speeds of up to 1166Mbps, with 300Mbps on 2.4GHz and 866Mbps on 5GHz, providing reliable connectivity for everyday business applications.

Wide Outdoor Wireless Coverage

Equipped with two high-gain 5dBi antennas, the access point provides reliable 360° wireless coverage and supports up to 90-100 meter wireless coverage radius in outdoor deployment environments.

Flexible Deployment Modes

Supports multiple operating modes including:

- Gateway Mode
- AP Mode
- Repeater Mode

This flexibility allows the access point to be deployed in various networking scenarios.

Dual Power Options

Supports both:

- 24V PoE
- 12V DC Power Input

This enables flexible installation and simplifies deployment in outdoor locations.

Multiple SSID Support

Supports up to 8 SSIDs (4 SSIDs on the 2.4GHz band and 4 SSIDs on the 5GHz band), allowing wireless network segmentation for different users and applications.

Enhanced Wireless Security

Provides multiple security mechanisms including:

- Open
- WPA
- WPA2-PSK (TKIP/AES)
- WPA2-EAP
- 802.1X Authentication
- Wireless MAC Address Filtering
- Client Isolation

These features help protect network resources and improve wireless security.

Intelligent Wireless Optimization

Supports:

- 5G Priority
- RF Power Adjustment
- Wi-Fi Time ON/OFF Scheduling

These features help optimize wireless performance and improve network efficiency.

User Access Control

Supports wireless user quantity limitation with support for up to 64 wireless users per band, helping maintain stable wireless performance in multi-user environments.

Reliable Outdoor Design

Designed with an IP65-rated enclosure that helps protect the device against dust and water ingress, making it suitable for outdoor deployments in challenging environmental conditions.

Energy-Efficient Operation

With power consumption of less than 7W, the AIRY-APO1200 provides reliable wireless connectivity while helping reduce operational power requirements.

Industrial-Grade Protection

Provides enhanced reliability with:

- ESD Protection:
 - Air: $\pm 8\text{KV}$
 - Touch: $\pm 6\text{KV}$
- Electrical Surge Protection:
 - Common Mode: 4KV
 - Differential Mode: 2KV

These protection mechanisms help ensure stable operation in outdoor environments.

Cost-Effective Outdoor Connectivity

Combining Wi-Fi 5 performance, multiple operating modes, PoE support, IP65 protection, and 360° outdoor coverage, the COMMANDO AIRY-APO1200 provides a reliable and cost-effective outdoor wireless networking solution for businesses and public wireless deployments.

Easy to Use

COMMANDO AIRY-APO1200 is designed for simple deployment and management through an intuitive WEB GUI interface. The compact and lightweight design allows quick installation while requiring minimal configuration for operation.

Software

COMMANDO AIRY-APO1200 supports standalone FAT AP mode with an intuitive WEB GUI interface for local configuration, monitoring, and management.

Monitoring

Wireless AP status, System Information, Device Information, Network Information, Wireless Information, Connected Wireless Clients, and Running Status.

System Setup

Supports:

- Basic Settings
- Backup Configuration
- Restore Configuration
- Restore Factory Settings
- Firmware Upgrade
- Scheduled Reboot
- Immediate Reboot
- Administrator Password Modification
- System Log

Network

Supports Gateway Mode, AP Mode, and Repeater Mode.

Gateway Mode

- Static IP
- DHCP
- PPPoE
- VLAN Configuration
- IPv4 Protocol Support

AP Mode

- Wireless access through wired network uplink
- VLAN Configuration Support

Repeater Mode

- Extends wireless coverage without additional network cabling.

Wireless Management

Wireless Features

- SSID Broadcast
- Multi SSID up to 8 (4 SSIDs for 2.4GHz and 4 SSIDs for 5GHz)
- Hide SSID
- 5G Priority
- Wi-Fi Time ON/OFF Scheduling
- RF Power Adjustment
- Wireless Client Limit
- Client Isolation
- Wireless MAC Address Filtering

Wireless Security

Supports:

- OPEN
- WPA
- WPA2-PSK (TKIP/AES)
- WPA2-EAP
- 802.1X Authentication

Device Management

Supports:

- Backup Configuration
- Restore Configuration
- Factory Reset
- Firmware Upgrade
- Scheduled Reboot
- Immediate Reboot
- Administrator Password Modification
- System Log

Firewall and Network Services

- VLAN Configuration
- Wireless MAC Address Filtering
- Client Isolation

User Management

Supports wireless client monitoring and management through the WEB GUI interface. User quantity can be limited, supporting up to 64 wireless users per band.

Easy Configuration

COMMANDO AIRY-APO1200 provides an intuitive WEB GUI interface for easy deployment and management. It supports Plug-and-Play installation, RF power adjustment, firmware upgrades, configuration backup and restore, scheduled reboot, and requires minimal configuration for operation.

Logs

Supports System Logs for device monitoring, troubleshooting, and maintenance.

Hardware

Solid Performance with Non-Blocking Architecture

Powered by the MT7628DAN + MT7613BEN hardware platform with 64MB DDR2 memory and 8MB Flash, the COMMANDO AIRY-APO1200 is designed to deliver stable wireless connectivity and reliable data processing for outdoor wireless deployments. The optimized hardware architecture ensures consistent performance for business and public wireless networking applications.

Physical Ports and Networking Interfaces

- 1 × 10/100Mbps RJ-45 WAN Port with 24V PoE support
- 1 × 10/100Mbps RJ-45 LAN Port
- DC 12V/1A Power Input
- Reset Button
- LED Indicators (WAN, LAN, SYS, 2.4G WiFi, 5G WiFi)

The integrated PoE support enables both power and data transmission through a single Ethernet cable, simplifying outdoor deployment and reducing installation complexity.

Outdoor-Ready Design

Designed specifically for outdoor wireless applications, the COMMANDO AIRY-APO1200 features an IP65-rated weather-resistant enclosure that helps protect the device against dust, moisture, and harsh environmental conditions. Equipped with two high-gain 5dBi antennas, it provides reliable 360° wireless coverage for outdoor environments.

Flexible Power Options

Supports dual power input methods:

- 24V PoE
- 12V DC Power Input

This flexibility allows the access point to be installed in various outdoor deployment scenarios.

Reliable Outdoor Operation

Built for stable operation in challenging outdoor environments.

- Operating Temperature: -30°C to 55°C
- Storage Temperature: -40°C to 70°C
- Humidity: 5% to 95% (Non-condensing)

These specifications ensure dependable performance across a wide range of environmental conditions.

Industrial-Grade Protection

The AIRY-APO1200 includes built-in protection mechanisms to enhance reliability and operational stability.

- ESD Protection:
 - Air: $\pm 8\text{KV}$
 - Touch: $\pm 6\text{KV}$
- Electrical Surge Protection:
 - Common Mode: 4KV
 - Differential Mode: 2KV

These features help safeguard the device from electrical disturbances commonly encountered in outdoor deployments.

Compact and Lightweight Design

The compact outdoor enclosure with dimensions of 196mm × 86mm × 40mm and a weight of 0.4kg enables easy installation and deployment across various outdoor locations.

Energy-Efficient Operation

With power consumption of less than 7W, the COMMANDO AIRY-APO1200 provides reliable wireless performance while maintaining low power usage and reducing operational costs.

Specifications

Technical Specifications

Supports 2.4GHz + 5GHz dual-band operation with IEEE 802.11ac/a/n/b/g standards and backward compatibility for legacy wireless clients. It is a standalone outdoor Access Point supporting up to 8 SSIDs (4 SSIDs on 2.4GHz and 4 SSIDs on 5GHz), with wireless security options including Open, WPA, WPA2-PSK (TKIP/AES), WPA2-EAP, and 802.1X authentication. The device supports Gateway Mode, AP Mode, and Repeater Mode, providing flexible deployment options for various outdoor networking scenarios.

Table 1. Specifications

Technical Parameters	Specification
Model	AIRY-APO1200
IEEE Standard	IEEE 802.11a/b/g/n/ac
Memory	64MB DDR2
Flash	8MB
Antenna	2 × External High-Gain Antennas
Antenna Gain	2 × 5dBi
Hardware Interfaces	1 × 10/100Mbps RJ45 WAN Port with 24V PoE Support, 1 × 10/100Mbps LAN Port, 1 × DC 12V/1A Power Input, 1 × Reset Button
LED Indicators	WAN, LAN, SYS, 2.4G WiFi, 5G WiFi
2.4GHz Frequency Range	2.4GHz – 2.484GHz
5GHz Frequency Range	5.150GHz – 5.850GHz
Wireless Data Rate	2.4GHz: Up to 300Mbps, 5GHz: Up to 866Mbps, Total Throughput: Up to 1166Mbps
Wi-Fi Operational Modes	Gateway Mode, AP Mode, and Repeater Mode

Technical Parameters	Specification
Maximum Wireless Users	Up to 64 Users per Band
Multiple SSID	Up to 8 SSIDs (4 for 2.4GHz and 4 for 5GHz)
Wireless Security	Open, WPA, WPA2-PSK (TKIP/AES), WPA2-EAP, 802.1X
Access Control Features	Wireless MAC Address Filtering, Client Isolation, User Quantity Limitation
Wireless Features	SSID Hide, 5G Priority, Wi-Fi Schedule, RF Power Adjustment
Network Features	VLAN Support, IPv4
Management	WEB GUI Management
Device Management	Backup Configuration, Restore Configuration, Factory Reset, Firmware Upgrade, Scheduled Reboot, Administrator Password Modification, System Log
Power Input	24V PoE or DC 12V/1A
Power Consumption	< 7W
Dimension (L × W × H)	196mm × 86mm × 40mm
Weight	0.4kg
Protection Grade	IP65
Environmental	Operating Temperature: -30°C to 55°C, Storage Temperature: -40°C to 70°C, Humidity: 5% ~ 95% (Non-condensing)
ESD Protection	Air: ±8KV, Touch: ±6KV
Electrical Surge Protection	Common Mode: 4KV, Differential Mode: 2KV
Warranty Period	2 Year

Table 2. COMMANDO AIRY-APO1200 LED Indication

LED Indicator	LED Status
SYS	Blinking: System is operating normally.
WAN	ON/Blinking: WAN port is connected and network activity is present.
LAN	ON/Blinking: LAN port is connected and network activity is present.
2.4G WiFi	ON/Blinking: 2.4GHz wireless radio is enabled and wireless activity is present.
5G WiFi	ON/Blinking: 5GHz wireless radio is enabled and wireless activity is present.

Included in the Bundle/Box

COMMANDO AIRY-APO1200 comes with the following accessories:

- 1 × COMMANDO AIRY-APO1200 Outdoor Access Point
- 1 × LAN Cable
- 1 × Installation Accessories Kit
- 1 × PoE Adapter
- 2 × External Antennas

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, 360° Outdoor 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 Outdoor AP Ordering Information

Product Code	Product Description
AIRY-APO1200	COMMANDO AirY 1200Mbps, 802.11ac, 360° Outdoor Access Point
AIRY-APO3600MB	COMMANDO AirY 3600Mbps, 2.5G 802.11be, 360° WiFi 7 Outdoor Access Point
AIRY-APO3000MAX	COMMANDO AirY 3000Mbps, 2.5G 802.11ax, IP67, 360° WiFi 6 Outdoor Access Point
AIRY-APO3000AX	COMMANDO AirY 3000Mbps, Gigabit 802.11ax, 360° WiFi 6 Outdoor Access Point

Document History

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