



AIRY-APO3600MB

COMMANDO AirY 3600Mbps, 2.5G 802.11be,
360° WiFi 7 Outdoor Access Point

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Product Overview

COMMANDO AIRY-APO3600MB is a high-performance Wi-Fi 7 Outdoor Access Point designed to deliver reliable, long-range wireless connectivity for outdoor environments such as campuses, industrial facilities, warehouses, hospitality venues, public spaces, and enterprise networks. Featuring the latest IEEE 802.11be (Wi-Fi 7) technology, it provides a combined wireless throughput of up to 3570Mbps, with 688Mbps on the 2.4GHz band and 2882Mbps on the 5GHz band.

The access point is equipped with a 2.5 Gigabit Ethernet uplink port, enabling high-speed wired connectivity to fully utilize Wi-Fi 7 performance. Advanced wireless technologies such as 4096-QAM improve network efficiency, increase throughput, and enhance wireless performance in high-density deployment environments.

Designed for outdoor operation, the AIRY-APO3600MB features high-gain external dual-band waterproof antennas, robust surge and ESD protection, and flexible power options through IEEE 802.3at PoE+ or DC 12V input. The device supports Gateway Mode, and AP Mode making it suitable for a wide range of outdoor wireless networking applications.

With support for up to 8 SSIDs, advanced wireless security, built-in firewall functions, WEB GUI management, and easy deployment, the COMMANDO AIRY-APO3600MB provides a cost-effective and scalable outdoor Wi-Fi solution for modern business networks.

Product Highlights

- Wi-Fi 7 Outdoor Access Point delivering an aggregate wireless throughput of up to 3570Mbps (688Mbps on 2.4GHz + 2882Mbps on 5GHz).
- Supports IEEE 802.11be (Wi-Fi 7) with backward compatibility for IEEE 802.11ax/ac/n/a/b/g wireless devices.
- Supports 4096-QAM technology to improve spectral efficiency, increase throughput, and enhance wireless performance.
- Equipped with one 2.5Gbps WAN port with IEEE 802.3at PoE+ support and one Gigabit LAN port for high-speed wired connectivity.
- Supports Gateway Mode and AP Mode, providing flexible deployment for enterprise, commercial, and outdoor wireless networks.
- Supports up to 8 SSIDs, enabling separate wireless networks for employees, guests, and business applications.
- Features 2 high-gain external dual-band waterproof antennas for reliable 360° outdoor wireless coverage and stable connectivity.
- Supports IEEE 802.3at PoE+ and 12V DC dual power input for flexible installation and simplified outdoor deployment.
- Built-in wireless MAC filtering, client isolation, firewall, and WPA/WPA2-PSK security help improve network protection and access control.
- Industrial-grade outdoor design with ESD protection, surge protection, fanless operation, and standalone Web GUI management for reliable long-term operation.

Features and Benefits

Wi-Fi 7 Technology

Powered by the latest IEEE 802.11be (Wi-Fi 7) technology, the AIRY-APO3600MB delivers wireless speeds up to 3600Mbps. It supports advanced Wi-Fi 7 features including 4096-QAM improving network efficiency, reducing latency, and enhancing performance in high-density wireless environments. These technologies enable more efficient spectrum utilization and reliable wireless communication.

2.5 Gigabit Ethernet Connectivity

Equipped with a 2.5Gbps Ethernet uplink port, the access point provides high-speed wired connectivity to fully utilize Wi-Fi 7 performance. The additional Gigabit LAN port enables flexible wired device connectivity while ensuring smooth network operation.

Outdoor Wireless Coverage

The access point utilizes high-gain external dual-band waterproof antennas designed for outdoor deployments. The antenna system helps deliver reliable wireless coverage and stable connectivity across open outdoor environments such as campuses, industrial facilities, warehouses, parks, hospitality venues, and public areas.

Advanced Wireless Efficiency

Support for 4096-QAM in Wi-Fi 7 (802.11be) enhances spectral efficiency by transmitting more data within the same channel bandwidth, enabling higher throughput when signal conditions are favorable. Combined with dual-band operation and high-performance RF design, the AP delivers reliable wireless connectivity across a wide range of deployment environments.

Flexible Network Deployment

Supports multiple operating modes including:

- Gateway Mode
- AP Mode

This flexibility allows the device to be deployed in a wide variety of outdoor networking applications without requiring additional equipment.

Multi-SSID Support

Supports up to **8 SSIDs**, allowing organizations to create separate wireless networks for employees, guests, IoT devices, and business applications. Multiple SSIDs help improve network segmentation and management.

Firewall and Network Security

Provides flexible access control and network security features including:

- Wireless MAC Address Filtering
- Client Isolation
- Built-in Firewall
- WPA/WPA2-PSK Security

These features help protect network resources and control wireless access.

Auto MDIX Capabilities

The Ethernet ports support Auto MDI/MDIX functionality, automatically detecting cable types and eliminating duplex and speed mismatches, simplifying installation and maintenance.

Compact Outdoor Design

The compact outdoor enclosure is designed for reliable operation in challenging outdoor environments while simplifying installation on poles, walls, and outdoor structures.

Support Uninterrupted Critical Network Infrastructure

Supports dual power options through **IEEE 802.3at PoE+** and **DC 12V power input**, providing installation flexibility and helping maintain reliable operation for business-critical wireless networks.

Industrial-Grade Protection

Built with enhanced electrical protection including:

- ESD Protection: Air $\pm 8\text{KV}$, Contact $\pm 4\text{KV}$
- Surge Protection: Common Mode 4KV, Differential Mode 2KV

These protections improve reliability and help safeguard the device in outdoor deployments.

Value for Money

Combining Wi-Fi 7 technology, 2.5Gbps connectivity, outdoor deployment flexibility, advanced wireless features, and robust protection mechanisms, the AIRY-APO3600MB delivers high performance and long-term value for enterprise and commercial wireless networks.

Green Technology

Designed for energy-efficient operation while maintaining high wireless performance. The device supports modern networking standards and efficient hardware architecture to help reduce power consumption and operational costs.

Easy to Use

COMMANDO AIRY-APO3600MB is a standalone outdoor Wi-Fi 7 access point designed for simple deployment and management through an intuitive WEB GUI interface. It requires minimal configuration, enabling quick installation and hassle-free operation. Auto-negotiation automatically detects the link speed of connected network devices on 10/100/1000/2500Mbps Ethernet interfaces for optimal performance. The device supports operating modes Gateway and AP. Dynamic LED indicators provide real-time device status and assist in basic troubleshooting.

Software

COMMANDO AIRY-APO3600MB supports standalone FAT AP mode with an easy-to-use WEB GUI for local management, monitoring, and configuration.

Monitoring

Wireless AP Download/Upload Speed, System Uptime, Device Information, Device Description, WAN Information, 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, Time Management, and System Log.

Network

Supports Gateway Mode, AP Mode.

Gateway Mode

- Static IP
- DHCP
- PPPoE

AP Mode

- Ethernet uplink for Internet access
- Supports operation with external DHCP Server
- Ideal for extending wired networks with wireless connectivity

Additional Network Features

- DHCP Server
- PPPoE Support
- Basic Firewall Functions
- WAN/LAN Configuration

Wireless Management

Wireless Features

- SSID Broadcast
- Multi SSID up to 8
- Hide SSID
- Wi-Fi Schedule
- RF Power Adjustment
- QoS (WMM)
- Client Isolation
- Wireless MAC Address Filtering
- Channel Selection
- Channel Bandwidth Configuration

Wireless Security

Supports:

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

Wi-Fi 7 Features

Supports advanced Wi-Fi 7 technologies including:

- 4096-QAM

These technologies improve wireless efficiency, throughput, reliability, and user experience in high-density environments.

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
- Client Isolation
- Basic Network Protection Functions

User Management

Displays wireless client information including:

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

Easy Configuration

COMMANDO AIRY-APO3600MB provides an intuitive WEB GUI interface for easy deployment and management. It supports Plug-and-Play installation, dynamic LED status indication, Wi-Fi scheduling, RF power adjustment, firmware upgrades, configuration backup and restore, 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 a high-performance hardware platform with 128MB SPI NAND Flash and 512MB DDR3 memory, COMMANDO AIRY-APO3600MB delivers enhanced data processing capability and stable Wi-Fi 7 wireless performance.

Equipped with 1 × 10/100/1000/2500Mbps WAN port with IEEE 802.3at PoE+ support and 1 × 10/100/1000Mbps LAN port, it provides high-speed network connectivity to fully utilize Wi-Fi 7 performance.

Designed with a non-blocking architecture to ensure smooth and reliable data transmission for high-speed outdoor wireless applications.

Physical Ports and Networking Interfaces

- 1 × 10/100/1000/2500Mbps RJ-45 WAN Port with IEEE 802.3at PoE+ support
- 1 × 10/100/1000Mbps RJ-45 LAN Port
- Triple-Color LED Status Indicators (SYS-Red, 2.4G-Green, 5G-Blue)
- Reset Button
- DC 12V Power Input

Extra Long Operational Life

Built with a high-quality PCB design and industrial-grade components for long-term outdoor reliability and stable operation.

Supports an operating temperature range of -20°C to 60°C and storage temperature from -40°C to 70°C, making it suitable for demanding outdoor deployments.

The outdoor enclosure design enables installation in campuses, industrial sites, warehouses, hospitality venues, public areas, and enterprise outdoor networks.

Provides ESD protection up to Air ±8KV and Contact ±4KV, along with electrical surge protection for enhanced device reliability in outdoor environments.

High-Gain Outdoor Wireless Coverage

Equipped with 2 × external dual-band waterproof antennas (5dBi) to provide wide-area wireless coverage and stable outdoor connectivity.

The 360° antenna design helps deliver reliable wireless performance across outdoor deployment areas while maintaining strong signal coverage.

Noise-Free Operation

Fanless and silent hardware design ensures reliable operation without generating noise, making it suitable for outdoor installations and noise-sensitive environments.

Support Uninterrupted Critical Network Infrastructure

Supports dual power options through IEEE 802.3at PoE+ and DC 12V/2A power input, providing installation flexibility and helping maintain reliable operation for business-critical wireless networks.

Enhanced Outdoor Protection

Provides built-in protection features for outdoor deployments:

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

These protections help safeguard the device against electrical disturbances and improve long-term reliability in outdoor environments.

Specifications

Technical Specifications

Supports 2.4GHz + 5GHz dual-band operation with IEEE 802.11be/ax/ac/a/b/g/n standards and backward compatibility for legacy wireless clients. It is a standalone outdoor Access Point supporting up to 8 SSIDs, with wireless security options including OPEN, and WPA/WPA2-PSK (TKIP/AES). The device supports multiple operating modes including Gateway Mode, and AP Mode. Dual power options are available through IEEE 802.3at PoE+ or DC 12V/2A power input.

Table 1. Specifications

Technical Parameters	Specification
Model	AIRY-APO3600MB
IEEE Standard	IEEE 802.11be/ax/ac/a/b/g/n
Chipset	AN7563PT + MT7991B + MT7976CN + EN8811HN
Memory	512MB DDR3 RAM
Flash	128MB SPI NAND Flash
Antenna	2 × External Dual-Band Waterproof Antennas
Antenna Gain	5dBi
Hardware Interfaces	1 × 10/100/1000/2500Mbps RJ-45 WAN Port with IEEE 802.3at 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 688Mbps 5GHz: Up to 2882Mbps Total Throughput: Up to 3570Mbps
Wi-Fi Operational Modes	Gateway Mode, AP Mode

Technical Parameters	Specification
Multiple SSID	Up to 8 SSIDs
Wireless Security	OPEN, WPA/WPA2-PSK (TKIP/AES)
Access Control Features	Wireless MAC Address Filtering, Client Isolation
Wireless Features	4096-QAM, Wi-Fi Schedule, Hide SSID, RF Power Adjustment, QoS (WMM)
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 802.3at PoE+ or DC 12V/2A
Power Consumption	< 15W
Indicator Light	Triple Color LEDs (SYS-Red, 2.4G-Green, 5G-Blue)
Weight	0.4kg
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: ±4KV
Electrical Surge Protection	Common Mode: 4KV, Differential Mode: 2KV
Warranty Period	2 Year

Table 2. COMMANDO AIRY-APO3600MB LED Indication

LED Indicator	LED Status
PWR	Power status indication.
SYS	System operating status indication.
WAN	WAN port link and activity indication.
LAN	LAN port link and activity indication.
WiFi	Wireless network status indication.

Included in the Bundle/Box

COMMANDO AIRY-APO3600MB comes with the following accessories:

- 1 × COMMANDO AIRY-APO3600MB Wi-Fi 7 Outdoor Access Point
- 2 × waterproof Antennas
- 1 × Mounting Accessories Kit

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

Document History

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