



AIRY-APO3000MAX

COMMANDO AirY 3000Mbps, 2.5G 802.11ax,
IP67, 360° WiFi 6 Outdoor Access Point

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Product Overview

COMMANDO AIRY-APO3000MAX is a high-performance Wi-Fi 6 Outdoor Access Point designed to provide reliable, high-speed wireless connectivity for outdoor environments such as campuses, industrial facilities, warehouses, hospitality venues, public spaces, and enterprise networks. Supporting the latest IEEE 802.11ax (Wi-Fi 6) technology, it delivers a combined wireless throughput of up to 2976Mbps, with 574Mbps on the 2.4GHz band and 2402Mbps on the 5GHz band.

The access point is equipped with a 2.5 Gigabit Ethernet uplink port with IEEE 802.3at PoE support, enabling high-speed wired connectivity and simplified outdoor deployment through a single Ethernet cable for both data and power.

Designed with an IP67-rated weatherproof enclosure and 360° omnidirectional wireless coverage, the AIRY-APO3000MAX is suitable for challenging outdoor environments. The device features 4 high-gain 4dBi dual-band antennas, providing stable wireless performance and wide-area coverage.

Built on a powerful hardware platform with 256MB DDR3 memory, and 16MB SPI NOR Flash, the access point delivers stable performance for business-critical wireless applications. It also incorporates a hardware watchdog function that automatically recovers the device in the event of abnormal operation, helping reduce maintenance requirements and improve service reliability.

Supporting Gateway Mode and AP Mode, multiple SSIDs, VLAN configuration, wireless security, RF power adjustment, client isolation, MAC filtering, and WEB GUI management, the COMMANDO AIRY-APO3000MAX provides a flexible and cost-effective outdoor wireless solution for modern business networks.

Product Highlights

- Delivers high-performance Wi-Fi 6 wireless connectivity with aggregate speeds of up to 2976Mbps (574Mbps on 2.4GHz + 2402Mbps on 5GHz).
- Supports IEEE 802.11ax with backward compatibility for IEEE 802.11ac/a/b/g/n wireless standards.
- Equipped with 1 × 2.5Gbps WAN port with IEEE 802.3at PoE support and 1 × Gigabit LAN port for high-speed wired connectivity.
- IP67-rated outdoor enclosure with 360° omnidirectional coverage and 4 × high-gain 4dBi dual-band antennas for reliable outdoor wireless deployments.
- Supports Gateway Mode and AP Mode, providing flexible deployment for enterprise, campus, hospitality, industrial, and public outdoor networks.
- Supports up to 8 SSIDs (4 per radio) for wireless network segmentation and simplified user management.
- Built-in Hardware Watchdog automatically recovers from abnormal operating conditions, improving network uptime and reliability.
- Supports IEEE 802.3at PoE for simplified outdoor installation using a single Ethernet cable for both power and data.
- Supports RF Power Adjustment, MAC Filtering, Client Isolation, VLAN, and WPA/WPA2/WPA3 security for enhanced wireless management and access control.
- Industrial-grade outdoor design featuring IP67 protection, ESD protection, and surge protection for reliable long-term operation in harsh environments.

Features and Benefits

Wi-Fi 6 Technology

Built on the latest IEEE 802.11ax (Wi-Fi 6) standard, the AIRY-APO3000MAX delivers wireless speeds of up to 2976Mbps, with 574Mbps on 2.4GHz and 2402Mbps on 5GHz. Wi-Fi 6 technology improves wireless efficiency, increases network capacity, and provides better performance in environments with multiple connected devices.

High-Speed 2.5 Gigabit WAN Connectivity

Equipped with a 2.5 Gigabit Ethernet WAN port with 48V PoE support, the access point provides high-speed uplink connectivity while simplifying outdoor deployment through a single Ethernet cable for both data and power.

Wide Outdoor Wireless Coverage

The access point provides 360° omnidirectional wireless coverage and supports a Wi-Fi 6 coverage radius of approximately 120–150 meters, depending on deployment conditions and surrounding environmental factors. 4 high-gain 4dBi dual-band antennas help ensure stable wireless connectivity across large outdoor areas.

IP67 Outdoor Protection

Designed for outdoor installations, the AIRY-APO3000MAX features an IP67-rated enclosure that protects against dust, water ingress, and harsh weather conditions. This makes it suitable for campuses, industrial facilities, warehouses, public spaces, hospitality environments, and enterprise outdoor networks.

Multiple SSID Support

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

Wireless Security

Provides multiple wireless security options including:

- OPEN
- WPA-PSK
- WPA2PSK_TKIPAES
- WAP2_EAP
- WPA3

Additional security features include:

- Wireless MAC Address Filtering
- Client Isolation

These features help protect network resources and control user access.

Hardware Watchdog Protection

The built-in hardware watchdog function automatically detects abnormal operating conditions and restarts the system when required, helping improve network availability and reduce maintenance efforts.

Flexible RF Management

Supports RF power adjustment, allowing wireless coverage to be optimized according to deployment requirements and helping improve wireless performance in different outdoor environments.

Reliable Outdoor Operation

Designed for demanding outdoor deployments with:

- Operating Temperature: -20°C to 55°C
- Storage Temperature: -40°C to 70°C
- ESD Protection: Air $\pm 8\text{KV}$, Contact $\pm 6\text{KV}$
- Electrical Surge Protection: Common Mode 4KV, Differential Mode 2KV

These protections help ensure stable and reliable operation in outdoor environments.

Cost-Effective Deployment

Combining Wi-Fi 6 performance, 2.5 Gigabit WAN connectivity, IP67 protection, PoE-powered installation, and hardware watchdog reliability, the COMMANDO AIRY-APO3000MAX provides a cost-effective outdoor wireless solution for modern business networks.

Easy to Use

COMMANDO AIRY-APO3000MAX is designed for simple deployment and management through an intuitive WEB GUI interface. The access point supports Plug-and-Play installation and requires minimal configuration, helping reduce deployment time and operational complexity. Dynamic LED indicators provide real-time device and network status information for easy monitoring and troubleshooting.

Software

COMMANDO AIRY-APO3000MAX supports standalone FAT AP mode with an easy-to-use WEB GUI for local management, monitoring, and configuration.

Monitoring

Wireless AP status, System Information, Device Information, Network Information, Wireless Information, Connected Wireless 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 Gateway Mode and AP Mode.

Gateway Mode

- VLAN Configuration
- IPv4 Protocol Support

AP Mode

- Wireless access through wired network uplink
- VLAN Configuration Support

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 Schedule (Time ON/OFF)
- RF Power Adjustment
- Client Isolation
- Wireless MAC Address Filtering

Wireless Security

Supports:

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

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.

Easy Configuration

COMMANDO AIRY-APO3000MAX 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 a high-performance hardware platform with 16MB SPI NOR Flash and 256MB DDR3 memory, providing stable data processing capability and reliable wireless performance.

Physical Ports and Networking Interfaces

- 1 × 10/100/1000/2500Mbps WAN Port with 48V PoE support
- 1 × 10/100/1000Mbps LAN Port
- Reset Button
- LED Indicators (PWR, SYS, WAN, 2.4G, 5.8G)

The 2.5 Gigabit Ethernet WAN port provides high-speed uplink connectivity while 48V PoE support simplifies installation by delivering power and data through a single Ethernet cable.

Outdoor-Ready Design

Designed specifically for outdoor deployments, the COMMANDO AIRY-APO3000MAX features an IP67-rated weatherproof enclosure that protects against dust, rain, and harsh environmental conditions. Equipped with 4 external 4dBi dual-band antennas, the access point delivers reliable 360° wireless coverage for large outdoor areas.

Reliable Outdoor Operation

Built with industrial-grade protection mechanisms to ensure stable operation in demanding outdoor environments.

- Operating Temperature: -20°C to 55°C
- Storage Temperature: -40°C to 70°C

- Humidity: 5% to 95% (Non-condensing)
- ESD Protection: Air $\pm 8\text{KV}$, Contact $\pm 6\text{KV}$
- Electrical Surge Protection:
 - Common Mode: 4KV
 - Differential Mode: 2KV

These protections help safeguard the device against electrical disturbances and environmental challenges.

PoE Powered Deployment

Supports 48V PoE power input, enabling flexible outdoor installation without requiring a separate power source. This reduces cabling requirements and simplifies deployment in locations where power outlets are not readily available.

Hardware Watchdog Protection

The built-in Hardware Watchdog function automatically monitors system operation and recovers the device in the event of abnormal conditions, helping improve uptime and reducing maintenance efforts for critical outdoor 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 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 WPA3. The device supports Gateway Mode and AP Mode and is equipped with a 2.5 Gigabit Ethernet WAN port with 48V PoE support for high-speed network connectivity and simplified deployment.

Table 1. Specifications

Technical Parameters	Specification
Model	AIRY-APO3000MAX
IEEE Standard	IEEE 802.11ax/ac/a/b/g/n
Memory	256MB DDR3
Flash	SPI NOR 16MB
Antenna	4 × Dual-Band Antennas
Antenna Gain	4 x 4dBi
Hardware Interfaces	1 × 10/100/1000/2500Mbps WAN Port with 48V PoE Support, 1 × 10/100/1000Mbps LAN Port, 1 × Reset Button
LED Indicators	PWR, SYS, WAN, 2.4G, 5.8G
Frequency	Dual Radio 2.4GHz + 5GHz
Wireless Data Rate	2.4GHz: Up to 574Mbps, 5GHz: Up to 2402Mbps, Total Throughput: Up to 2976Mbps
Wi-Fi Operational Modes	Gateway Mode, AP Mode
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), WPA2-EAP, WPA3
Access Control Features	Wireless MAC Address Filtering, Client Isolation
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, System Log
Hardware Watchdog	Support
Power Input	48V PoE
Power Consumption	< 18W
Dimension	304 × 181 × 88 mm
Weight	1.6 kg
Ingress Protection	IP67
Environmental	Operating Temperature: -20°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: 4KV, Differential Mode: 2KV
Warranty Period	2 Year

Table 2. COMMANDO AIRY-APO3000MAX LED Indication

LED Indicator	LED Status
PWR	ON: Power supply is connected and the device is powered ON.
SYS	Blinking: System is operating normally.
WAN	ON/Blinking: WAN port is connected and network activity is present.
2.4G	ON/Blinking: 2.4GHz wireless radio is enabled and wireless activity is present.
5.8G	ON/Blinking: 5GHz wireless radio is enabled and wireless activity is present.

Included in the Bundle/Box

COMMANDO AIRY-APO3000MAX comes with the following accessories:

- 1 × COMMANDO AIRY-APO3000MAX Wi-Fi 6 Outdoor Access Point
- 1 × LAN Cable
- 1 × Mounting Accessories Kit
- 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 3000Mbps, 2.5G 802.11ax, IP67, 360° WiFi 6 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-APO3000MAX	COMMANDO AirY 3000Mbps, 2.5G 802.11ax, IP67, 360° WiFi 6 Outdoor Access Point
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-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