TODAAIR INAX35Y-M-H

TODAAIR AX1800 WiFi 6 Wireless Access Point User Manual

Model: INAX35Y-M-H

1. Product Overview

The TODAAIR AX1800 WiFi 6 Wireless Access Point is designed to provide high-speed, reliable wireless connectivity using the latest Wi-Fi 6 (802.11ax) technology. This dual-band access point offers speeds up to 1800 Mbps, supporting up to 120 devices and covering areas up to 5500 sq. ft. It features seamless roaming capabilities when deployed in AP mode, ensuring uninterrupted connectivity as users move across the network. Remote management is available via the Todaair APP.



Figure 1: Front view of the TODAAIR AX1800 WiFi 6 Wireless Access Point.

Key Features:

- **Wi-Fi 6 Technology:** Utilizes 802.11ax standard for enhanced speed and efficiency.
- **High-Speed Dual-Band:** Up to 1800 Mbps wireless speeds (2.4GHz and 5.8GHz).
- **High Device Capacity:** Supports connectivity for up to 120 devices simultaneously.
- **Extensive Coverage:** Provides wireless coverage for areas up to 5500 sq. ft.
- **Seamless Roaming:** Ensures smooth transitions between access points with the same SSID in AP mode.
- **Flexible Power Options:** Supports both DC 12V and Power over Ethernet (PoE 48V) power supply.
- **APP Management:** Remote monitoring and configuration via the Todaair mobile application.



Figure 2: Illustration of the 1800Mbps transmission rate and multi-device connectivity.



Figure 3: Overview of enterprise-level security features, including WPA2 support, device capacity, and coverage.

2. Package Contents

Please verify that all items are present in your package:

- TODAAIR AX1800 WiFi 6 Wireless Access Point Unit
- Mounting Kit (screws and anchors)
- Quick Start Guide

Note: A power adapter is not included. You will need a DC 12V power adapter or a PoE (48V) injector/switch to power the device.

3. Physical Description and Ports

The access point features a compact, white design suitable for various environments. The bottom panel houses all necessary ports and a reset button.

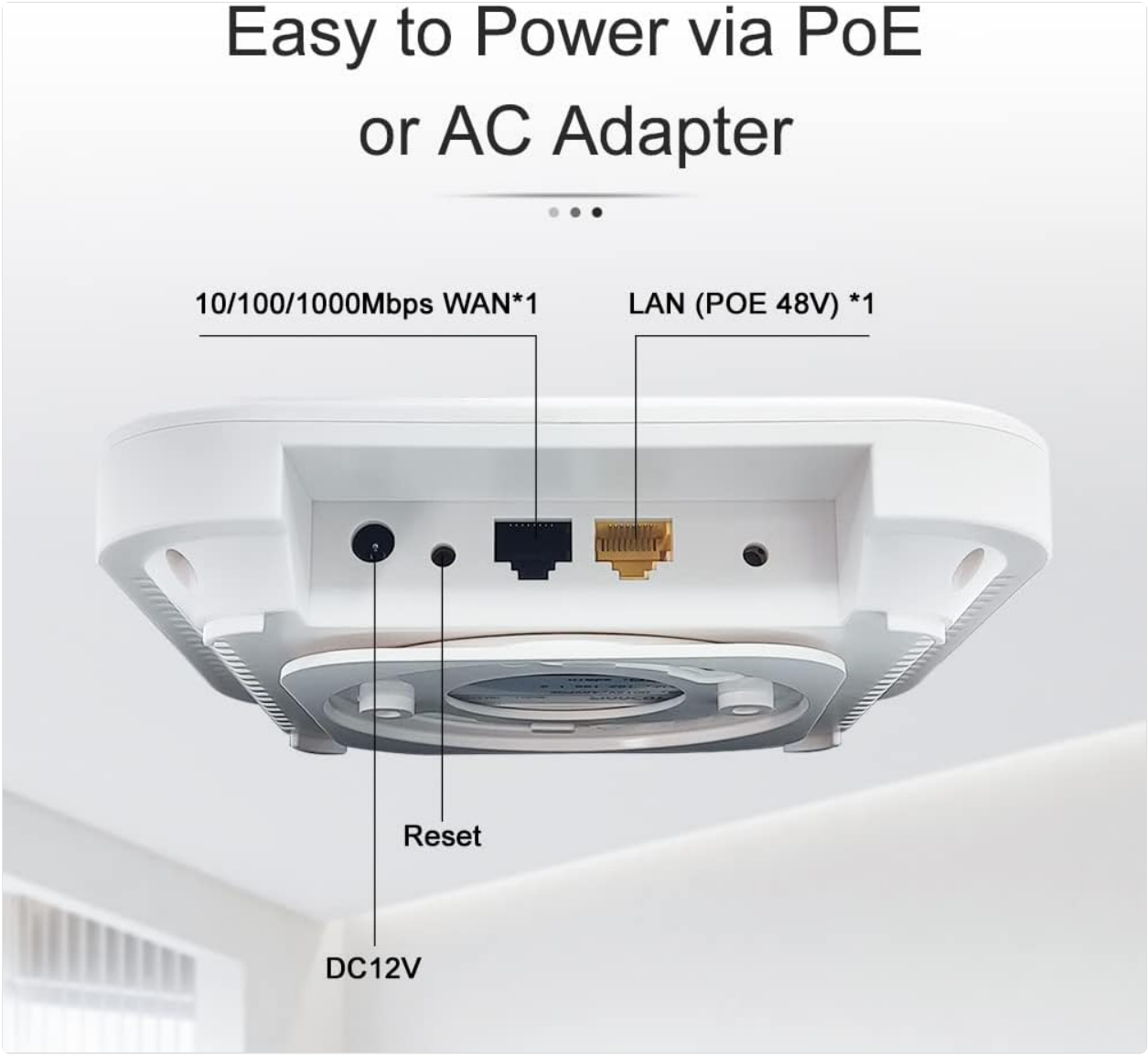


Figure 4: Bottom view of the access point detailing the ports.

Port Descriptions:

- **DC12V:** Power input port for a 12V DC power adapter (not included).
- **WAN (10/100/1000Mbps):** Gigabit Ethernet port for connecting to your router or modem.
- **LAN (PoE 48V):** Gigabit Ethernet port that supports Power over Ethernet (PoE) for both data and power transmission.
- **Reset Button:** Used to restore the device to factory default settings. Press and hold for approximately 10 seconds while the device is powered on.

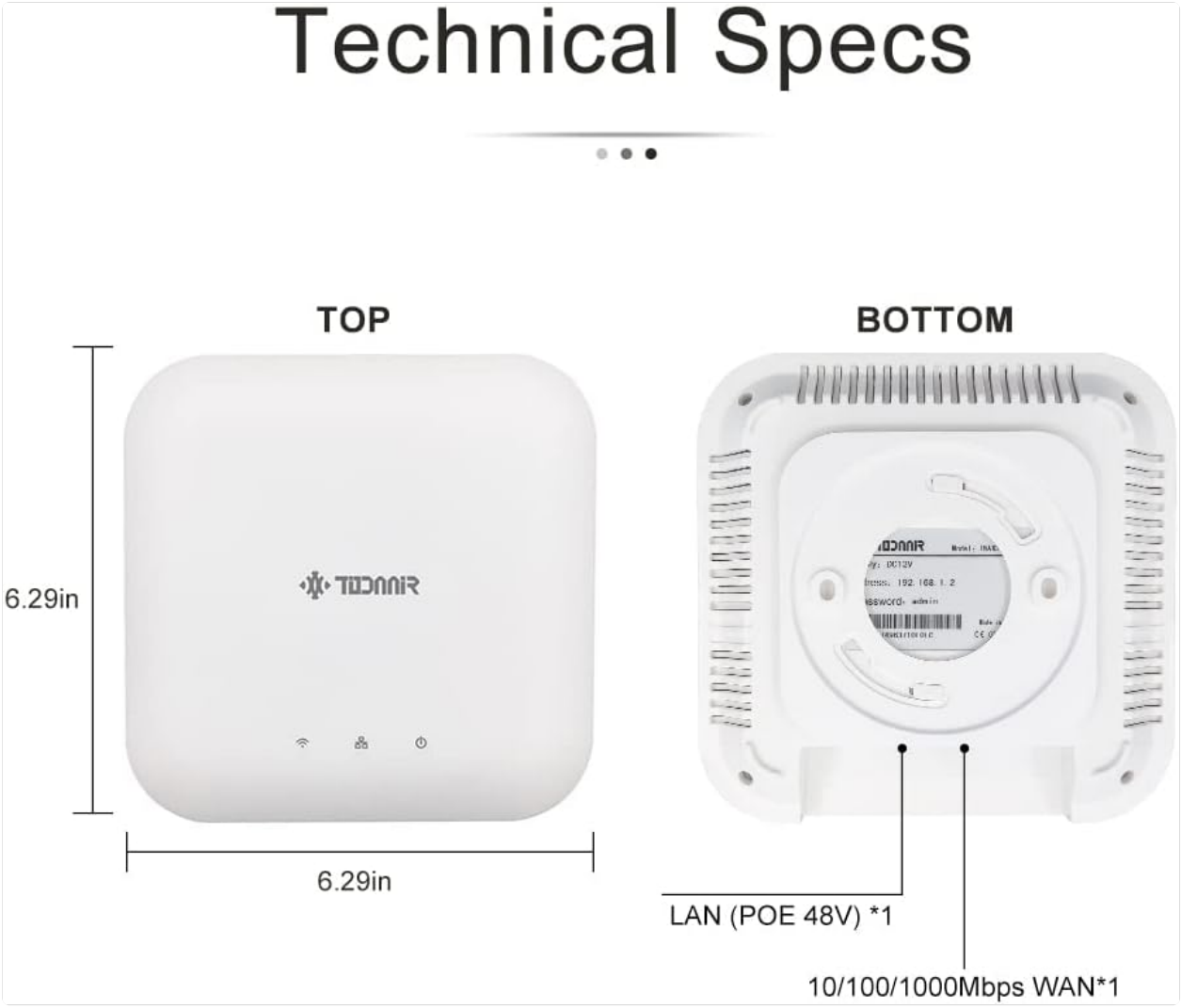


Figure 5: Technical dimensions and top/bottom views of the access point.

4. Setup and Installation

4.1 Powering the Device

1. **Using a DC Adapter:** Connect a 12V DC power adapter (not included) to the DC12V port on the access point.
2. **Using PoE:** Connect an Ethernet cable from a PoE (48V) injector or PoE-enabled switch to the LAN (PoE 48V) port on the access point. This will provide both power and data connectivity.

4.2 Network Connection

1. Connect an Ethernet cable from your router or modem to the WAN port of the access point.
2. Ensure your router or modem is powered on and has an active internet connection.

4.3 Initial Configuration

After powering on and connecting the device, you can configure it via a web browser or the Todaair APP.

1. **Web Interface:** Connect a computer to the access point via an Ethernet cable or wirelessly to its default SSID. Open a web browser and enter the default IP address (refer to the Quick Start Guide or device label for the specific IP). Follow the on-screen instructions to set up your Wi-Fi network (SSID, password, security type).

2. **Todaair APP:** Download the Todaair APP from your mobile device's app store. Follow the in-app instructions to discover and configure your access point. The app allows for remote management and monitoring.

5. Operating Instructions

5.1 Access Point (AP) Mode and Seamless Roaming

When configured in AP mode, the device functions as a central hub for wireless clients. If multiple TODAAIR access points are deployed with the same SSID, devices will automatically connect to the AP with the strongest signal as they move, ensuring a seamless roaming experience without manual reconnection.

5.2 Todaair APP Management

The Todaair APP provides comprehensive remote management capabilities, including:

- Viewing network topology.
- Monitoring network trends and operation details.
- Performing device operation and maintenance tasks.
- Handling fault diagnosis and resolution.

6. Maintenance

To ensure optimal performance and longevity of your access point, consider the following maintenance tips:

- **Firmware Updates:** Regularly check for and install firmware updates through the web interface or Todaair APP. Updates often include performance improvements and security patches.
- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry cloth to wipe the exterior. Ensure ventilation holes are not obstructed.
- **Optimal Placement:** Place the access point in a central location, away from obstructions and sources of interference (e.g., microwaves, cordless phones) to maximize Wi-Fi coverage and signal strength.
- **Regular Reboot:** Periodically reboot the access point (e.g., once a month) to refresh its system and clear any temporary issues.

7. Troubleshooting

If you encounter issues with your TODAAIR AX1800 Access Point, refer to the following common troubleshooting steps:

- **No Power:**
  - Ensure the power adapter (if used) is securely connected to the DC12V port and a working power outlet.
  - If using PoE, verify the Ethernet cable is connected to the LAN (PoE 48V) port and the PoE injector/switch is powered on and functioning correctly.
- **No Internet Connection:**
  - Check the Ethernet cable connection between the WAN port of the access point and your router/modem.
  - Verify that your router/modem has an active internet connection.

- Reboot both the access point and your router/modem.

- **Poor Wi-Fi Signal or Slow Speeds:**
  - Relocate the access point to a more central position, away from walls, large metal objects, and other electronic devices that may cause interference.
  - Ensure your client devices support Wi-Fi 6 for optimal performance.
  - Check for firmware updates.

- **Cannot Access Web Management Interface or APP:**
  - Ensure your device is connected to the access point's network.
  - Verify the IP address entered in the browser is correct.
  - Try clearing your browser's cache or using a different browser.
  - If all else fails, perform a factory reset by pressing the reset button for 10 seconds. Note that this will erase all custom configurations.

8. Specifications

The following table outlines the technical specifications for the TODAAIR AX1800 WiFi 6 Wireless Access Point (Model INAX35Y-M-H):

Feature	Specification
Brand	TODAAIR
Model	INAX35Y-M-H
Model Name	Wireless Access Point
Wireless Standard	802.11ax (Wi-Fi 6)
Data Transfer Rate	1800 Megabits Per Second
Frequency Band Class	Dual-Band (2.4 GHz, 5.8 GHz)
Number of Ports	1 WAN (Gigabit), 1 LAN (Gigabit PoE 48V)
Connector Type	Wi-Fi, Ethernet
Special Feature	Access Point Mode, Seamless Roaming, APP Management
Compatible Devices	Personal Computer, Mobile Devices
Recommended Uses	Home, Office, Commercial
Color	White
Power Supply	DC 12V or PoE 48V
Item Dimensions (L x W x H)	19.61 x 18.9 x 5.41 cm
Item Weight	558 g

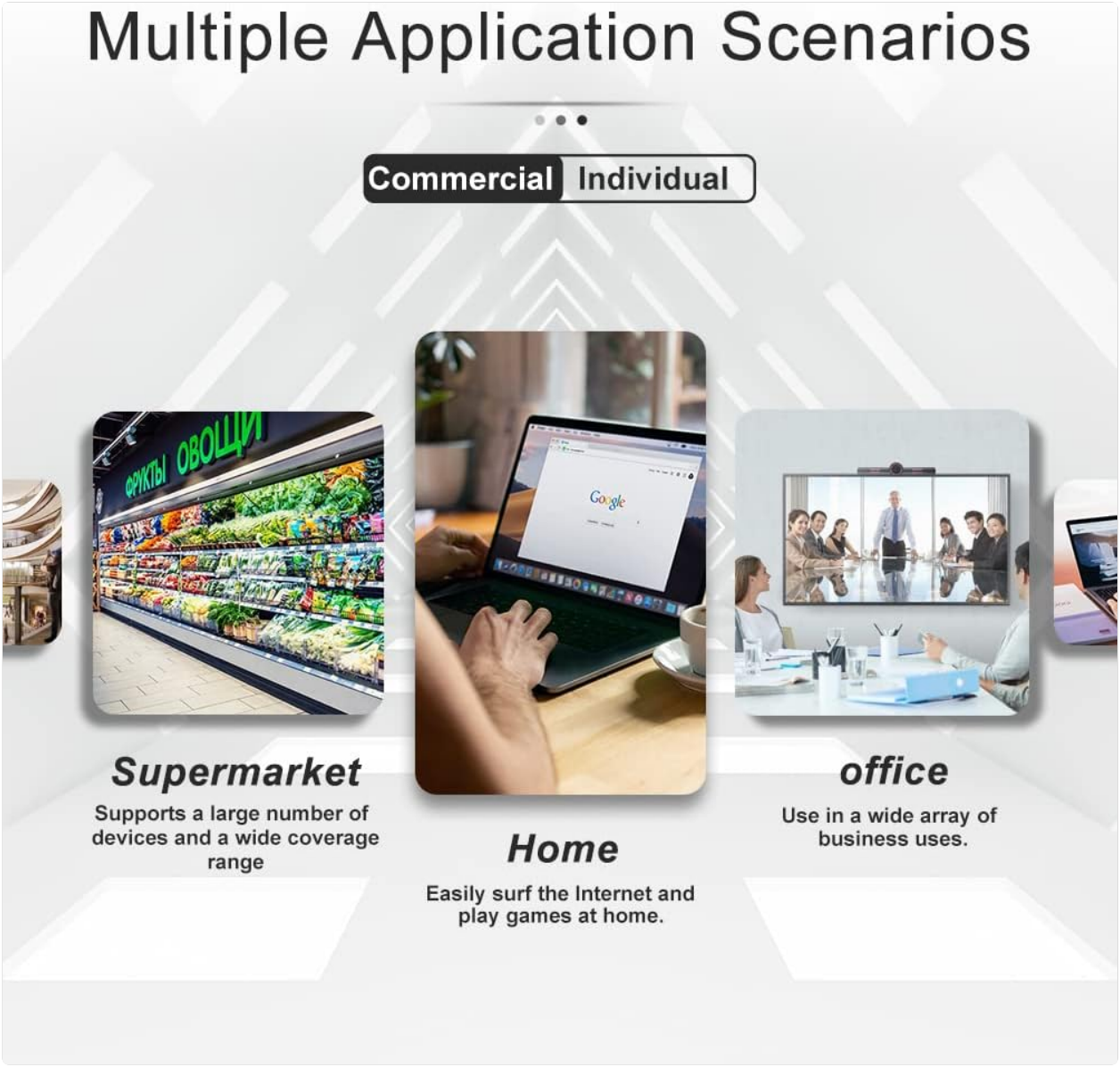


Figure 6: Examples of various application scenarios for the access point, including supermarket, home, and office environments.

9. Warranty and Support

TODAAIR products are designed for reliability and performance. This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official TODAAIR website.

Customer Support:

If you require technical assistance or have questions regarding your TODAAIR AX1800 WiFi 6 Wireless Access Point, please contact TODAAIR customer support through the following channels:

- **Website:** Visit the official TODAAIR website for FAQs, support resources, and contact information.
- **Todaair APP:** Utilize the support features available within the Todaair mobile application.

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