

## Highlights

### AX3000 Wi-Fi 6

Wi-Fi 6 leverages dual-band technology to provide high-speed connectivity for users.

### Seamless Management

This Smart Office Series Wi-Fi Access Point can be managed seamlessly via a Smart Office Series Business Router and controlled via a centralised dashboard.

### WPA3 Wi-Fi Encryption

WPA3 encryption provides enhanced security for public networks, protecting against unauthorised access and safeguarding sensitive data.



## DBR-X3000-AP

# AX3000 Wi-Fi 6 Smart Office Series Access Point

## Key Features:

### AX3000 Wi-Fi 6

- 160MHz channels
- 2.4GHz up to 574Mbps
- 5GHz up to 2402Mbps

### Latest Wi-Fi Encryption

- WPA/WPA2/WPA3 Personal
- WPA/WPA2/WPA3 Enterprise

### MU-MIMO

- 2.4GHz: 2T2R
- 5GHz: 2T3R

### PoE Capability

- 802.3af power input

### Centralised Management

- Managed by DBR-700 or DBR-600-P
- SSID Setup / Configuration
- Wi-Fi security
- VLAN tagging
- Captive portal (Click-through & RADIUS)
- Firmware upgrades
- Wireless client monitoring
- Mesh enabled

The DBR-X3000-AP AX3000 Wi-Fi 6 Smart Office Series Access Point leverages Wi-Fi 6 dual-band technology with PoE support to extend wireless coverage and provide high-speed connectivity throughout a building. It ensures reliable performance, efficient network management, and enhanced security. The device can be centrally managed via the D-Link Smart Office Series range of Business Routers.

## High-Speed Wi-Fi 6 Connectivity

The latest Wi-Fi 6 technology leverages the power of the 802.11ax standard to deliver faster, more efficient wireless performance, even in high-density environments. With speeds up to 3Gbps, the DBR-X3000-AP enables lightning-fast downloads, seamless streaming, and responsive real-time applications. Wi-Fi 6 incorporates advanced features like MU-MIMO and OFDMA, which allow multiple devices to connect simultaneously without compromising speed or reliability. This results in a smoother user experience, reduced latency, and increased overall network capacity, making it ideal for both business-critical applications and high-traffic public areas.

## WPA3 Wi-Fi Security

The DBR-X3000-AP is equipped with advanced security features to protect sensitive data and ensure a secure browsing experience for all users. It supports the latest WPA3 encryption protocol, which offers stronger protections against unauthorised access and safeguards user privacy with a more robust encryption standard.

## Central Management

The DBR-X3000-AP is managed through a D-Link Smart Office Series Business Router and controlled via a unified dashboard. This centralised approach streamlines configuration, monitoring, and control of network settings, simplifying administrative tasks. It ensures consistent policy enforcement and offers real-time insights into network activity, enhancing overall efficiency and security.

## AX3000 Wi-Fi 6 Smart Office Series Access Point

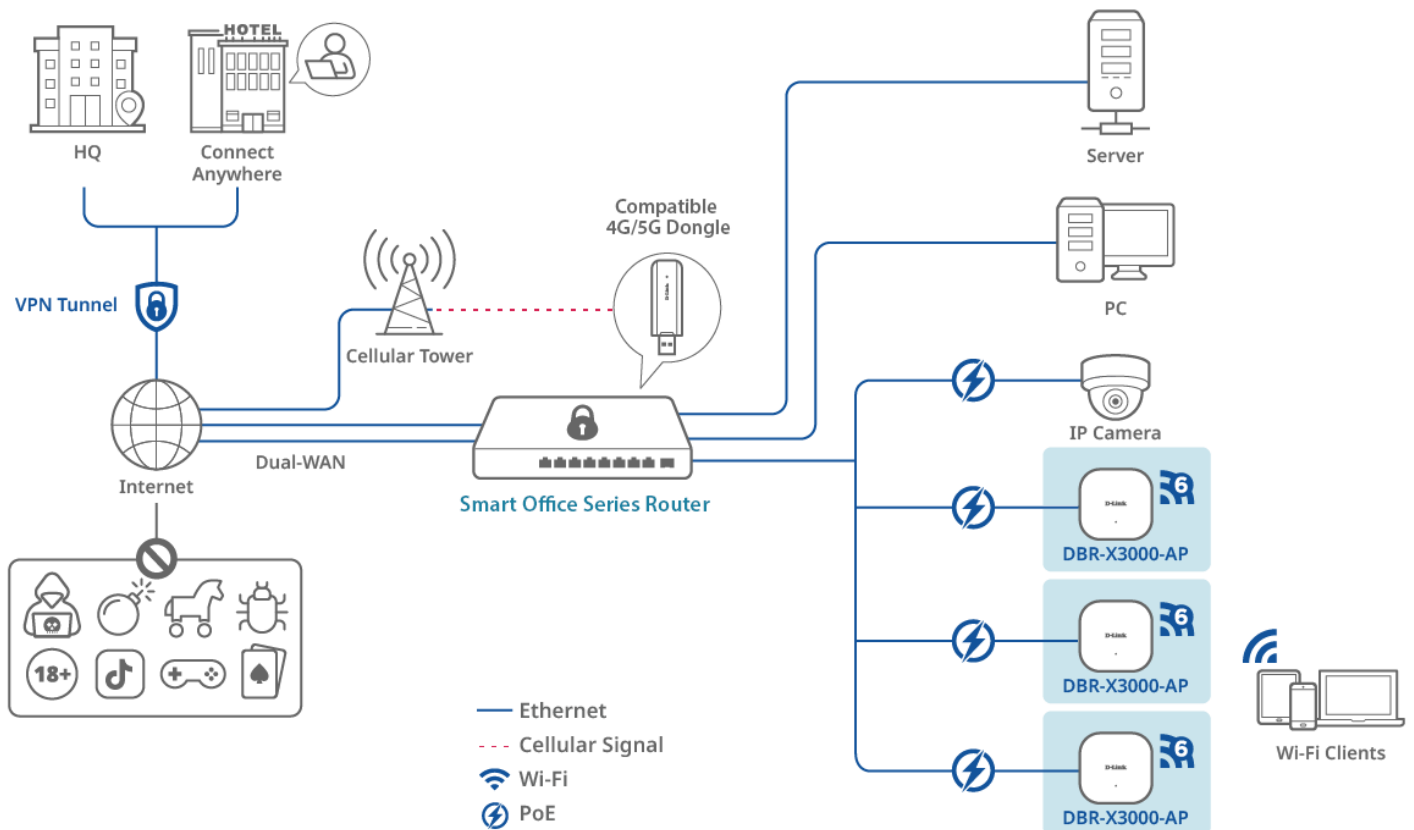
### Power Over Ethernet

The DBR-X3000-AP enables Power over Ethernet (PoE), simplifying installation by delivering both data and power over a single Ethernet cable. With PoE compatibility, there's no need for additional power outlets or wiring, making it ideal for flexible and cost-effective deployments in various environments, including offices and retail spaces. This feature not only reduces installation time and costs but also allows for greater flexibility in placing Access Points where they are needed most, without being limited by traditional power sources. PoE ensures a reliable power supply, maximising uptime and network stability.

### Captive Portal

Captive portals are used in public Wi-Fi hotspots, guest networks, and enterprise environments to control user access. Users are redirected to a login or terms acceptance page before accessing the network. This process enhances security, enables user management, and can also display important information.

### Connection Diagram



# DBR-X3000-AP

## AX3000 Wi-Fi 6 Smart Office Series Access Point

| Technical Specifications |                                                                                                                            |                                                                                                                         |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| General                  |                                                                                                                            |                                                                                                                         |
| Device Interfaces        | <ul style="list-style-type: none"><li>• 1 x GE LAN port</li><li>• 1 x Reset button</li><li>• 1 x Power connector</li></ul> |                                                                                                                         |
| LED                      | <ul style="list-style-type: none"><li>• Power / Status</li></ul>                                                           |                                                                                                                         |
| Antenna                  | <ul style="list-style-type: none"><li>• 2 x 2.4/5 GHz dua-band Tx/Rx</li></ul>                                             | <ul style="list-style-type: none"><li>• 1 x 5 GHz Rx</li></ul>                                                          |
| Antenna Gain             | <ul style="list-style-type: none"><li>• 2.4 GHz: 4 dBi</li></ul>                                                           | <ul style="list-style-type: none"><li>• 5 GHz: 3 dBi</li></ul>                                                          |
| Data Rate                | <ul style="list-style-type: none"><li>• 2.4 GHz: Up to 574 MHz</li></ul>                                                   | <ul style="list-style-type: none"><li>• 5 GHz: Up to 2402 MHz</li></ul>                                                 |
| Functionality            |                                                                                                                            |                                                                                                                         |
| Standards                | <ul style="list-style-type: none"><li>• IEEE 802.11a/b/g/n/ac/ax</li><li>• IEEE 802.3at PoE</li></ul>                      | <ul style="list-style-type: none"><li>• IEEE 802.3u/ab</li><li>• IEEE 802.3az Energy Efficient Ethernet (EEE)</li></ul> |
| Operation Frequencies    | <ul style="list-style-type: none"><li>• 2.4 to 2.483 GHz</li><li>• 5.15 to 5.35 GHz</li></ul>                              | <ul style="list-style-type: none"><li>• 5.47 to 5.85 GHz</li></ul>                                                      |
| Wi-Fi Security           | <ul style="list-style-type: none"><li>• WPA/WPA2/WPA3 Personal</li></ul>                                                   | <ul style="list-style-type: none"><li>• WPA/WPA2/WPA3 Enterprise</li></ul>                                              |
| Maximum SSIDs            | <ul style="list-style-type: none"><li>• 7</li></ul>                                                                        |                                                                                                                         |
| AP Management            |                                                                                                                            |                                                                                                                         |
| Manageable Devices       | <ul style="list-style-type: none"><li>• DBR-600-P</li></ul>                                                                | <ul style="list-style-type: none"><li>• DBR-700</li></ul>                                                               |
| Wi-Fi SSID               | <ul style="list-style-type: none"><li>• SSID Name</li></ul>                                                                | <ul style="list-style-type: none"><li>• VLAN Tag</li></ul>                                                              |
| Wi-Fi Security           | <ul style="list-style-type: none"><li>• WPA/WPA2/WPA3 Personal</li></ul>                                                   | <ul style="list-style-type: none"><li>• WPA/WPA2/WPA3 Enterprise</li></ul>                                              |
| Captive Portal           | <ul style="list-style-type: none"><li>• Click Through</li><li>• RADIUS</li></ul>                                           | <ul style="list-style-type: none"><li>• Local DB</li></ul>                                                              |
| Monitoring Feature       | <ul style="list-style-type: none"><li>• Clients IP/MAC</li></ul>                                                           | <ul style="list-style-type: none"><li>• Clients Status and Statistics</li></ul>                                         |
| Device Firmware          | <ul style="list-style-type: none"><li>• Firmware Upgrade</li></ul>                                                         |                                                                                                                         |
| Physical                 |                                                                                                                            |                                                                                                                         |
| Power Input              | 12V/1A                                                                                                                     |                                                                                                                         |
| Operating Temperature    | 0 to 40°C                                                                                                                  |                                                                                                                         |
| Storage Temperature      | -10 to 70°C                                                                                                                |                                                                                                                         |
| Operating Humidity       | 10% to 90% non-condensing                                                                                                  |                                                                                                                         |
| Storage Humidity         | 0% to 95% non-condensing                                                                                                   |                                                                                                                         |
| Dimensions               | 170 x 170 x 33.7 mm                                                                                                        |                                                                                                                         |
| Ordering Information     |                                                                                                                            |                                                                                                                         |
| DBR-X3000-AP             | AX3000 Wi-Fi 6 Smart Office Series Access Point                                                                            |                                                                                                                         |
| Barcode / UPC            | 790069477379                                                                                                               |                                                                                                                         |