Product Highlights

BE3600 Wi-Fi 7

Wi-Fi 7 leverages next-generation dual-band technologies to deliver ultra-fast speeds, lower latency, and enhanced reliability, making it ideal for users.

WPA3 Wi-Fi Encryption

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

Central Management

Managed through a business router and controlled via a centralized dashboard.



DBR-E3600-AP

BE3600 Wi-Fi 7 Smart AP

Key Features

BE3600 Wi-Fi 7

- 160 MHz channels
- 2.4 GHz up to 688 Mbps
- 5 GHz up to 2882 Mbps

Latest Wi-Fi Encryption

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

MU-MIMO

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

PoE Capability

- 802.3at power input

Centralized Management

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

The BE3600 Wi-Fi 7 Smart AP leverages dual-band Wi-Fi 7 technology with PoE support to extend wireless coverage and provide high-speed connectivity throughout a building. It provides faster performance, efficient network management, and enhanced security. Centrally managed through D-Link DBR series business routers.

Ultra-High-Speed Wi-Fi 7 Connectivity

Powered by the IEEE 802.11be standard, Wi-Fi 7 significantly enhances wireless performance compared to previous generations. With speeds of up to 3.6 Gbps, the DBR-E3600-AP supports ultrafast downloads and latency-sensitive real-time applications.

It is designed to deliver stable and efficient connectivity, allowing multiple devices to operate simultaneously without compromising performance. This results in lower latency, increased network capacity, and a more reliable user experience—making it well suited for both business-critical applications and high-traffic environments.

WPA3 Wi-Fi Security

The DBR-E3600-AP is equipped with advanced security features to protect sensitive data and provides a better browsing experience for all users. It supports the latest WPA3 encryption protocol, which offers stronger protections against unauthorized access and safeguards user privacy with more robust encryption standard.

Central Management

The DBR-E3600-AP is managed through a D-Link DBR series business router and controlled via a unified dashboard. This centralized approach streamlines configuration, monitoring, and control of network settings, simplifying administrative tasks. It provides consistent policy enforcement and offers real-time insights into network activity, enhancing overall efficiency and security.

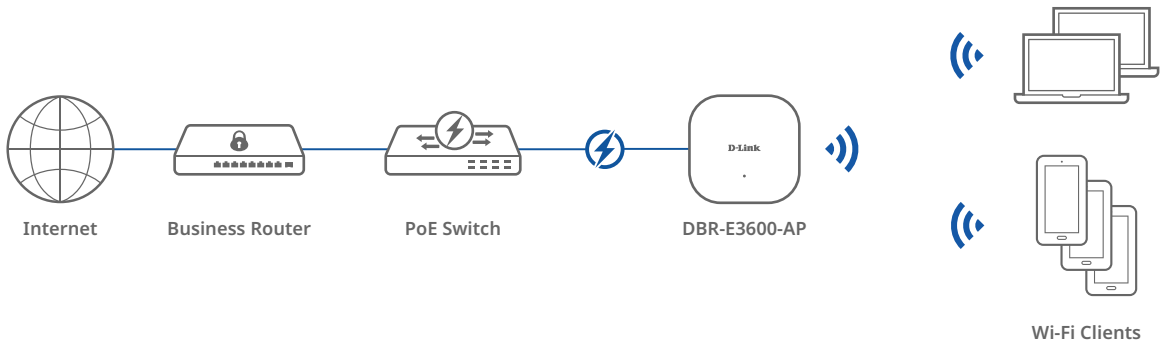
Power Over Ethernet

The DBR-E3600-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 office, 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 provides power supply, maximizing 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 better user management, and can also display important information.

Connection Diagram



Technical Specifications

General		
Interface	• 1 x 2.5GE LAN PoE port •	• 1 x Power connector • 1 x Reset button
LED	Power/Status	
Antenna	• 2 x 2.4/5 GHz dual-band Tx/Rx	• 1 x 5 GHz Rx
Antenna Gain	• 2.4 GHz: 4 dBi	• 5 GHz: 4 dBi
Data Rate	• 2.4 GHz: Up to 688 Mbps	• 5 GHz: Up to 2882 Mbps
Max. Power Consumption	18W	
Functionality		
Standards	• IEEE 802.11a/b/g/n/ac/ax/be • IEEE 802.3at PoE	• IEEE 802.3u/ab • IEEE 802.3az Energy Efficient Ethernet (EEE)
Operation Frequencies	• 2.4 to 2.483 GHz • 5.15 to 5.35 GHz	• 5.47 to 5.85 GHz
Wi-Fi Security	• WPA/WPA2/WPA3 Personal	• WPA/WPA2/WPA3 Enterprise
Maximum SSIDs	7	
AP Management		
Manageable Devices	• DBR-600-P	• DBR-700
Wi-Fi SSID	• SSID Name	• VLAN Tag
Wi-Fi Security	• WPA/WPA2/WPA3 Personal	• WPA/WPA2/WPA3 Enterprise
Captive Portal	• Click-through • RADIUS	• Local DB
Monitoring Feature	• Clients IP/MAC	• Clients status and statistics
Device Firmware	Firmware upgrades	

Physical & Environmental	
Power Input	12V/1.5A
Dimensions	225 x 220 x 42 mm
Operating Temperature	5 to 40 °C (41 to 104 °F)
Storage Temperature	-10 to 70 °C (14 to 158 °F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Certifications	CE, EN18031
Order Information	
DBR-E3600-AP	BE3600 Wi-Fi 7 Smart AP

Actual performances may vary due to settings, cabling, temperature, network configuration, interface, device compatibility, environmental and on-site conditions, and other similar factors. References to power capability, signal or processing speed, signal range or distance, data encryption, storage capacity, display properties, or other performance metrics are based on optimal conditions derived from industry standards and provided for informational purposes only. Specifications may be subject to change without prior notice.

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