

D-Lite Cloud Overview

The user can access D-Lite Cloud from the web to manage and configure off-site locations. The internet traffic does not pass through the cloud, compliant with the latest data protection and privacy regulations. Security is assured with out-of-band, SSL-encrypted management plane backed with a 99.99% uptime service level agreement. If the Cloud service is down this will not affect the service of local locations.



DLA-BE36W

D-Lite Cloud-Managed Faceplate BE3600 Access Point (with PoE out)

Features

- Cloud Management
- Zero-Touch Deployment
- Intuitive Interface
- Unlimited Scalability
- Band Steering
- Bandwidth Optimization
- Auto Channel Management
- Authentication via Customizable Captive Portal, 802.1x and RADIUS Server
- Social Login for Guest Wi-Fi Access
- End-to-End Encryption
- Event Log and Change Log
- Over-the-Air Firmware Upgrades
- Real Time Traffic Reporting & Analytics*
- Automated Monitoring & Alerts
- Multi-Tenant & Role-Based Administration
- Map View
- AI Diagnostics
- Supports 500+ Concurrent Wi-Fi Client Devices
- Lan2 PoE Pass-Through

The DLA-BE36W is a cloud-managed Wi-Fi 7 (BE3600) faceplate access point designed to deliver high-performance connectivity for hospitality and SMB environments. With simultaneous 802.11be operation on the 2.4 GHz and 5 GHz bands, it offers strong combined data rates to support demanding wireless applications. Optimized for reliability and speed, the access point ensures smooth performance for bandwidth-intensive tasks such as large data transfers, video conferencing, and HD/UHD streaming—even in moderately congested network conditions. In addition, the unit features four downlink Gigabit Ethernet ports for convenient wired expansion, along with an integrated PoE PSE output that enables direct powering of compatible PD devices.

Solution Benefits

1. Easy-to-Configure APs and Switches

Users no longer have to configure each access point individually, D-lite Cloud offers an intuitive cloud interface to mass or individually configure your access points, ideal for lean IT businesses. Settings are saved on the cloud and pushed to the devices. The D-Lite cloud-managed switch enables lean IT to easily provision, manage and even troubleshoot their entire network. Port configurations can be easily configured individually or performed in a batch.

2. Easy & Rapid AP & Switch Deployment

After pre-configuring the AP or Switch towards a certain profile, the AP & Switch can then be quickly deployed remotely and be up and running without configuration at the target site.

3. Unlimited Scalability

With D-Lite Cloud, the controller is managed in the cloud from a single centralized interface and no longer faces hardware scalability limitations commonly found in traditional on-premise controllers. D-Lite Cloud supports unlimited access points and switches, ideal for small to medium-sized businesses.

4. Management Multi-Site Management

From the centralized interface, IT professionals and System Integrators can manage multi remote sites with features including creating accounts, generating reports*, and remotely installing, managing and monitoring the wireless and wired infrastructure for multiple users – all with minimal commitment in terms of training time, IT resources and capital.



Intuitive Dashboard Interface


D-Lite APP


5. Management Intuitive Dashboard

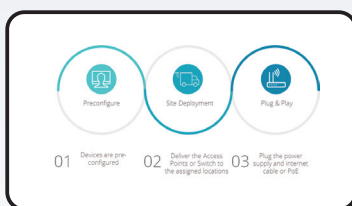
An Intuitive and Comprehensive Dashboard to Configure and Monitor your Network

- Online and Offline Devices
- Number of Clients
- Radio Utilization View
- Client Traffic and Analysis view
- Device Traffic and Analysis view
- CPU & Memory Usage
- Alert Notifications

6. D-Lite APP for Easy Deployment and Monitoring

D-Lite Cloud offers APP to configure and monitor your network on the go.

- Quick Setup via QR Code
- Real-Time Monitoring
- Comprehensive Configurations


Easy-to-Configure APs and Switches

Easy & Rapid AP & Switch Deployment

**Unlimited Scalability
Management Multi-Site Management**

Management Intuitive Dashboard

802.11be Wi-Fi 7

- Wi-Fi 7 (802.11be) Dual-Band Access Point
- Combined throughput up to 3600 Mbps
- Advanced OFDMA, MU-MIMO, Beamforming, & MLO support
- 2 x 2 internal antenna array per band (4 total)
- Powerful quad-core processor with 512MB DDR4 RAM
- 2.5G LAN port (PoE in)
- Four downlink gigabit ports with one PSE output for powering PD device
- 160 MHz Channel Band Width
- PoE and 12V DC power options
- Full support for WPA3 security and enterprise-grade features
- Cloud and App-based management with built-in diagnostic tools

Best-in-class Built for Enterprise AP

- Powerful management, monitoring and troubleshooting functionality with D-Lite Cloud
- MU-MIMO, MLO
- IEEE 802.3az Energy-Efficient Ethernet (EEE)
- Integrated Self Cluster Mode
- Remote access via cloud
- Allows for a high number of concurrent users

Enterprise Security

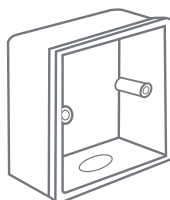
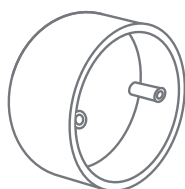
- 192-bit Enterprise and 128-bit Personal encryption
- SSID/Guest/Station Isolation
- IP/MAC address filtering
- Captive Portal (Google, E-mail auth, Self reg.)
- Supports RADIUS client and Cipher negotiation
- Supports External Captive Portal and walled garden

Power over Ethernet (PoE)

- Supports IEEE 802.3at PoE
- Convenience of using one cord for both power and Internet access
- Reduces installation and energy expenses
- Flexibility to install the DLA-BE36W in places that don't have access to electrical infrastructure, such as the wall

Quick and Easy Installation

With its user-friendly installation design, DLA-BE36W can be set up without the need for specialized technical assistance.


Compatible with two types of wall junctions

Technical Specifications

Hardware Parameters

Chipset	IPQ5332+QCN6432+QCA8081+QCA8337
CPU frequency	Quad-core Cortex A53 @ 1.5 GHz
Memory	512MB DDR4
Flash	256MB Nand Flash
Wi-Fi	2T2R 2.4GHz 802.11b/g/n/ac/ax/be, 688.2Mbps 2T2R 5.8GHz 802.11a/n/ac/ax/be, 2882.4Mbps
Device Interfaces	1 x RJ45 10M/100M/1000M/2.5G WAN Ethernet (with PoE in) 4 x RJ45 10M/100M/1000M LAN Ethernet (1x PoE out) 1 x Reset Button 1 x Power Jack
Antenna Type	Built-in omni-directional antenna
Antenna Gain	2.4GHz peak gain: 3.0dBi 5GHz peak gain: 3.0dBi

Wi-Fi Features

Standard	802.11a/b/g/n/ac/ax/be 802.11b/g/n/ax/be, frequency 2.400 GHz to 2.4835 GHz 802.11a/n/ac/ax/be, frequency 5.150 GHz to 5.350 GHz && 5.470 GHz to 5.725 GHz && 5.725 GHz to 5.850 GHz Country-specific restrictions apply Support all national channels		
Modulation technology	802.11b: Direct-sequence spread spectrum (DSSS) 802.11a/g/n/ac: Orthogonal frequency-division multiplexing (OFDM) 802.11ax/be: Orthogonal frequency-division multiple access (OFDMA)		
Modulation Scheme	11b: BPSK, QPSK, CCK 11a/g/n: BPSK, QPSK, 16QAM, 64QAM 11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM 11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 11be: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM		
Transfer Rate	2.4G : EHT40: up to 688.2Mbps 5G : EHT160: up to 2882.4Mbps		
Max transmit power	5G: 23dBm Note: Transmit power is multi-chain combined power, no antenna gain is included. 2.4G: 24dBm The actual transmit power depends on local laws and regulations		
RX Sensitivity	2.4GHz: 11n min - 84dBm (HT20 MCS0) 11n max - 74dBm (HT20 MCS7) 11n min - 89dBm (HT40 MCS0) 11n max - 72dBm (HT40 MCS7) 11ax min - 88dBm (HE20 MCS0) 11ax max - 73dBm (HE20 MCS11) 11ax min - 85dBm (HE40 MCS0) 11ax max - 69dBm (HE40 MCS11) 11be min - 88dBm (EHT20 MCS0) 11be max - 65dBm (EHT20 MCS11) 11be min - 85dBm (EHT40 MCS0) 11be max - 63dBm (EHT40 MCS11)	5GHz: 11ax min - 92dBm (HE20 MCS0) 11ax max - 62dBm (HE20 MCS11) 11ax min - 89dBm (HE40 MCS0) 11ax max - 62dBm (HE40 MCS11) 11ax min - 86dBm (HE80 MCS0) 11ax max - 56dBm (HE80 MCS11) 11ax min - 83dBm (HE160 MCS0) 11ax max - 53dBm (HE160 MCS11) 11be min - 92dBm (EHT20 MCS0) 11be max - 60dBm (EHT20 MCS13) 11be min - 89dBm (EHT40 MCS0) 11be max - 55dBm (EHT40 MCS13)	5GHz: 11be min - 86dBm(EHT80 MCS0) 11be max - 50dBm(EHT80 MCS13) 11be min - 83dBm(EHT160 MCS0) 11be max - 47dBm(EHT160 MCS13)

Technical Specifications

General Software Features

Management Features:

- WEB GUI
- Command Tool Telnet For Debug
- APP
- SSH
- HTTP/HTTPS
- Login Authentication
- NTP
- Settings Backup & Import & Recovery
- Firmware Local/Remote Upgrade
- System Reboot & Scheduled-Restart
- Network Self-Checking
- Fault Alarm
- Fault Collection
- Diagnostic Tools(ping/tracert/nslookup)

Wireless Spec Features:

- Roaming
- AP Mesh
- Power Percent Adjustment
- Removing Low-RSSI STAs
- WIFI Optimization
- Beamforming
- Auto Channel
- 160MHz Huge Frequency Width
- WEP/WPA/WPA2/WPA3 Security
- Guest SSIDs
- Separate Authentication for SSID
- Schedule Working for SSID
- Speed Limit for SSID
- Hidden SSID
- User Isolation for SSID

Network Main Protocols:

- RFC0768 UDP
- RFC0791 IP
- RFC0792 ICMP
- RFC0793 TCP
- RFC0826 Ethernet ARP
- RFC0894 IP over Ethernet
- RFC0922 Broadcasting Internet Datagrams
- RFC0950 Internet Standard Subnetting Procedure
- RFC1042 Transmission of IP Datagrams over IEEE 802 Networks

Other Spec Features:

- Kick Off for Wireless User
- Block Internet for User
- Internet Time Schedule for User
- Speed Limit for User
- User Firewall MAC/IP/Port
- Bluetooth (optional)
- Night Mode(Light Control)

Wireless Main Protocols:

- IEEE 802.11a
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n
- IEEE 802.11ac
- IEEE 802.11ax
- IEEE 802.11be
- IEEE 802.11h(DFS)
- IEEE 802.11e(WMM)
- IEEE 802.11k/v/r

Network Spec Feature:

- IPv4/IPv6 dual stack
- Static/IPoE/PPPoE Connection Type
- IPv6 Stateless/Stateful
- Bridge Mode

Physical

Operating Temperature	: -10°C~40°C	Dimensions	: 164.6 x 89.8 x 31.2mm
Storage Temperature	: -30°C ~ 70°C	Weight	: 320 g
Operating Humidity	: 5%~95% (non-condensing)	Mean Time Between Failure (MTBF)	: >350000 hours
Power Consumption	: upto 20W	Mounting Options	: Wall Plate Mounting
Power Supply	: 12V/2A/PoE802.3at		

EMC Safety

Regulation Compliance	CE
Safety Regulations	UL
Green Standard	RoHS

Order Information

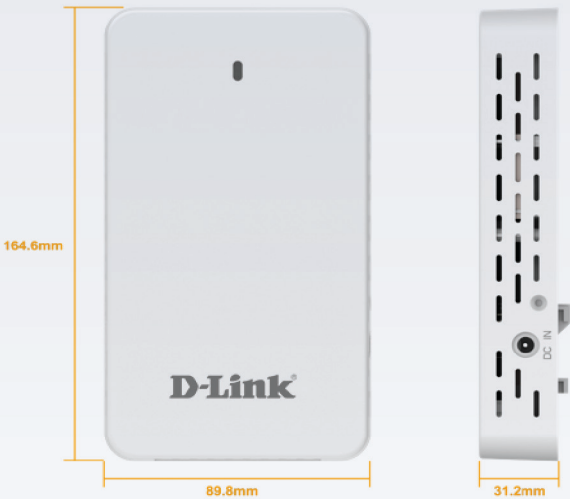
Part Number	Description
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¹ Active D-Link D-Lite account is required.

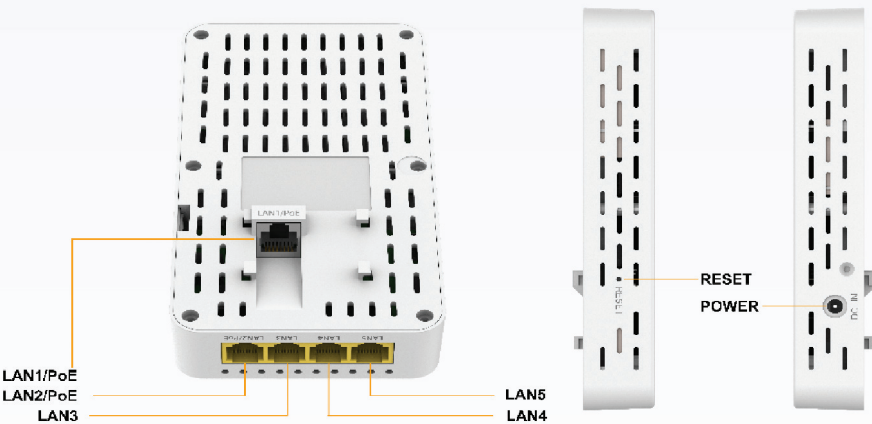
² Maximum wireless signal rate derived from the IEEE Standard 802.11ax specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

Technical Specifications

Dimension Diagram



Interfaces Diagram



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