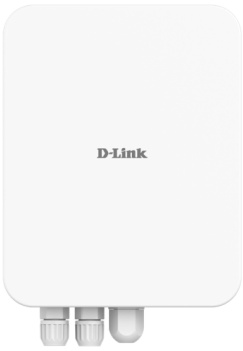
Product Highlights

Wireless Connectivity
BE19000 Wi-Fi 7 tri-band

Deployment
IP67 enclosure with wall or pole mounting

Cloud Management
Web portal and app management with zero-touch provisioning



DLA-BE191OU

BE19000 Wi-Fi 7 Tri-Band D-Lite Cloud Outdoor Access Point

Features

Connectivity and Deployment

- BE19000 Wi-Fi 7 tri-band
- Powered by a Qualcomm chipset
- IP67 enclosure; -30 to 60 °C operation
- Wall or pole mounting
- 24 SSIDs (8 per band)
- IEEE 802.3bt PoE input; IEEE 802.3at PoE output

D-Lite Cloud

- Managed from the D-Lite Cloud web portal and app
- Zero-touch provisioning; add devices by scanning a QR code
- Cloud service free for life; pay only for the devices

The DLA-BE191OU is a BE19000 Wi-Fi 7 Tri-Band Outdoor Access Point.

Wireless Connectivity

Concurrent 2.4 GHz, 5 GHz and 6 GHz operation provides tri-band wireless connectivity. The IP67 enclosure supports outdoor operation from -30 to 60 °C.

Solution Benefits

Manage the device from the D-Lite Cloud web portal or the D-Lite Cloud app. Zero-touch provisioning and QR code device addition support deployment. The cloud service is free for life; you pay only for the devices.

Technical Specifications

Hardware Parameters	
Chipset	Qualcomm
CPU frequency	Quad-core ARM Cortex-A55 at 1.8 GHz
Memory	2 x 512 MB DDR4
Flash	2 Gb SPI NAND flash
Device Interfaces	2 x 10G RJ45 (PoE input / PoE output); 1 x SFP+; reset button; WPS button
Wi-Fi	4T4R on 2.4 / 5 / 6 GHz
Antenna Type	12 internal antennas (4 per band)
Antenna Gain	2.4 / 5 / 6 GHz: 5 dBi
PoE Input	IEEE 802.3bt
PoE Output	IEEE 802.3at
Wi-Fi Features	
Standard	IEEE 802.11a/b/g/n/ac/ax/be
Transfer Rate	2.4 GHz: up to 1,376 Mbps; 5 GHz: up to 5,760 Mbps; 6 GHz: up to 11,520 Mbps
Frequency Bands	2.400 to 2.4835 GHz; 5.150 to 5.350 GHz, 5.470 to 5.725 GHz, 5.725 to 5.850 GHz; 5.925 to 7.125 GHz. Country-specific restrictions apply.
Modulation Schemes	OFDM: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM; DSSS: DBPSK, DQPSK, CCK
Max Transmit Power	2.4 / 5 / 6 GHz: up to 30 dBm (24 dBm per chain)
Number of SSIDs	24 per device (8 per band)
Coverage Radius	Ideal range: 200 m; performance varies by environment
Max/Recommended Clients	768 / 384
General Software Features	
Wireless Spec Features	Roaming; AP Mesh; transmit-power adjustment; low-RSSI client removal; Wi-Fi optimization; beamforming; auto channel; 320 MHz channel width; MLO; IEEE 802.1X; multicast to unicast; short GI; beacon interval; DTIM interval; RTS threshold
SSID Features	Guest SSIDs; separate authentication; schedule; speed limit; hidden SSID; user isolation; multi-frequency integration; Wi-Fi timer; Wi-Fi access control
Wireless Security	WEP/WPA/WPA2/WPA3
Wireless Main Protocols	IEEE 802.11a/b/g/n/ac/ax/be; IEEE 802.11h (DFS); IEEE 802.11e (WMM); IEEE 802.11k/v/r

Technical Specifications

General Software Features (continued)	
Network Spec Features	IPv4/IPv6 dual stack; IPv6 stateless/stateful; static/IPoE/PPPoE; DHCP server; bridge mode; SNMP; LAN VLAN; DDNS; virtual server; DMZ; UPnP
Network Main Protocols	RFC 768 UDP; RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 Ethernet ARP; RFC 894 IP over Ethernet; RFC 922 broadcasting; RFC 950 subnetting; RFC 2516 PPPoE; RFC 1332 PPP IPCP; RFC 1042 IP datagrams over IEEE 802 networks
Management Features	Web GUI; Telnet debug tool; app; SSH; HTTP/HTTPS; login authentication; NTP; settings backup/import/recovery; local/remote firmware upgrade; reboot/scheduled restart; network self-check; fault alarm/collection; ping/traceroute/DNS lookup
Operating Modes	Cloud/Standalone/Cluster/AC
Device Management	Web (Standalone/Cluster); D-Lite Cloud web portal and app; AC; SNMP
Other Spec Features	Disconnect wireless user; block internet; internet-access schedule; user speed limit; MAC/IP/port/URL firewall filters; Bluetooth; night mode / light control; roaming test; manual DNS; VLAN
Physical	
Operating Temperature	-30 to 60 °C
Storage Temperature	-30 to 70 °C
Operating Humidity	5% to 95% (non-condensing)
Power Supply	48 V / 1 A / PoE
Power Consumption	≤ 45 W without PSE; ≤ 60 W with PSE
Dimensions	259.6 x 204.6 x 56.6 mm
Weight	1.8 kg
Mounting Options	Wall/Pole
IP Rating	IP67
EMC Safety	
Regulation Compliance	CE
Safety Regulations	UL
Green Standard	RoHS
Order Information	
Part Number	DLA-BE191OU
Description	BE19000 Wi-Fi 7 Tri-Band D-Lite Cloud Outdoor Access Point

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