D-Link

Wi-Fi 6

EAGLE PRO AI
AX1800 SMART ROUTER

R18

Wi-Fi that's smarter, safer, faster, and more affordable than ever.

- Wi-Fi 6 (802.11ax) technology provides faster speeds, greater capacity and less network congestion
- Next-generation speeds up to 1800 Mbps, built for the modern device-dense smart home
- Dual-band Wi-Fi makes 4K streaming, gaming and video chatting a breeze
- 3 Gigabit Ethernet LAN ports and 1 Gigabit Ethernet WAN port provide optional wired connectivity
- D-Link Wi-Fi Mesh lets you add other compatible EAGLE PRO AI Series to expand your network as you wish
- BSS coloring helps organize data packets, making your network more efficient and improving overall Wi-Fi 6 performance
- Mesh Smart Roaming technology auto connects you to the strongest signal
- Voice Control for an even easier home Wi-Fi networking experience
- Free EAGLE PRO AI app

works with **Google** Home

just ask alexa

Optimization
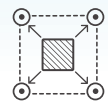The EAGLE PRO AI engine automatically keeps you on the optimal channel

Improvement
Mesh nodes collaborate with each other to optimize network traffic

Connectivity
The EAGLE PRO AI app provides notifications and usage reports to help you manage your network more efficiently

Expandable
The EAGLE PRO AI series can scale to any size home for dead zone free Wi-Fi coverage

Wi-Fi 6 Performance
Future-proof your Wi-Fi with coverage that's better, faster, and more efficient

Gigabit Ports
Plug in smart TVs, game consoles, and other devices for a fast and reliable connection

Clean Network
Compliant with the latest security standards like WPA3™ and IEC 62443-4-1

Voice Control
Works with Amazon Alexa and Google Assistant for convenient voice control

General

Device Interfaces	• 3 x Gigabit Ethernet LAN ports • 1 x Gigabit Ethernet WAN port	• 1 x WPS button • 1 x Power connector	• 1 x Reset button
LED	• Power • Internet	• 2.4 GHz Wi-Fi • 5 GHz Wi-Fi	
Antenna Type	• 4 x External Dual Band Antennas (2x2+2x2) • 1 x Internal 5 GHz Antenna for ZeroWait DFS		
Wi-Fi Data Rate	• 2.4 GHz Up to 574 Mbps[1] • 5 GHz Up to 1201 Mbps[1]		
IEEE Standard	• IEEE 802.11ax • IEEE 802.11ac • IEEE 802.11n • IEEE 802.11g • IEEE 802.11b	• IEEE 802.11k • IEEE 802.11v • IEEE 802.11a • IEEE 802.11h • IEEE 802.3u	• IEEE 802.3ab
Minimum Requirements	• Windows 10/8.1/8/7/Vista or Mac OS X 10.6 or higher • Supports Internet Explorer 10/Firefox 28.0/Chrome 28.0/Safari 6.0 and higher • Network Interface Card, Cable/DSL modem or other ISP equipment with Ethernet port		

Functionality

Security Protocol	WPA/WPA2/WPA3	
Firewall	• DoS • Stateful Packet Inspection • Anti-spoofing Checking	• IP Address Filtering • 1 x DMZ
Mesh	D-Link Wi-Fi Mesh	
QoS	D-Link Intelligent QoS Technology	

Software

Device Management	• EAGLE PRO AI app (iOS and Android) • Web UI
Voice Assistants	• Amazon Alexa • Google Assistant

Physical

Hardware Version	A1	
Dimensions	194 x 139 x 56.5 mm	
Weight	260 g	
Power Adapter	12V/1A	
Operating Temperature	0 to 40 °C (32 to 104 °F)	
Storage Temperature	-20 to 65 °C (-4 to 149 °F)	
Operating Humidity	10% to 90% non-condensing	
Storage Humidity	5% to 95% non-condensing	
Certifications	• CE • FCC	• IC

Ordering Information

R18	AX1800 Smart Router

[1] Maximum wireless signal rate derived from 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, may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

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