

Product Highlights

Flexible Operation

Configure to use as an access point, a wireless distribution System (WDS) with access point, a WDS bridge or a wireless client

Full Featured Security

Includes industry standard wireless encryption along with support for multiple SSIDs and VLANs, allowing for complete control over network access

Rugged Construction

IP55 weatherproof housing and weathershield² makes the DAP-3320 ideal for demanding networking environments



DAP-3320

Wireless PoE Outdoor Access point

Features

For Business-Class Environment

- 2.4 GHz 802.11n connectivity for increased network capacity
- High power radio design¹
- Built-in 2 dBi omnidirectional antenna¹
- Waterproof IP55 standard²

High Performance Connectivity

- Wireless 802.11n/g/b, compatible with 802.11b and 802.11g devices
- Up to 300 Mbps wireless throughput³
- 10/100BaseT Ethernet port

Advanced Security Features

- Traffic control/QoS
- Internal RADIUS server
- Web redirection
- WPA/WPA2 - Enterprise/Personal
- WPA2 - PSK/AES over WDS
- MAC address filtering
- ARP spoofing prevention
- WLAN partition

Convenient Installation

- Supports 802.3af Power over Ethernet
- Wall/pole mounting kit included

The DAP-3320 Wireless PoE Outdoor Access point is the ideal solution for expanding the coverage and signal strength of any wireless network. Built to withstand outdoor environments, the DAP-3320 also excels in connecting separate networks that cannot be joined physically using physical wiring. Multiple operating modes, network management tools and security features give network administrators a wide range of choices for deploying the device, allowing for wireless network-enabled devices to be connected.

Increased Network Connectivity and Throughput

Expand current wireless network capacity with 2.4 GHz 802.11n wireless connectivity. The built-in 2 dBi omnidirectional antenna¹ ensures that wireless signal will cover a wide area. Whether you want to connect additional wireless devices such as smartphones or laptops, or joining networks separated by short distances, the DAP-3320 has it covered.

Flexible Deployment Options

The DAP-3320 features four operation modes, allowing it to adapt to different deployment environments. As a standard wireless access point, the DAP-3320 can connect to a wide range of devices that are 802.11n/g/b compliant. In wireless distribution system (WDS) mode, it can expand current wireless coverage, without the need for a wired backbone link. As a wireless client it can connect a non-wireless capable device to an existing wireless network. Specially built for outdoor use, the DAP-3320 has an IP55² weatherproof housing that protects it from dirt and rain. In addition, the DAP-3320 is powered by PoE which allows for convenient installation, especially in places where a power supply is not reliable or power cables are not available or easily installed.

Fine-Tuned Control Over Network Resources.

The DAP-3320 supports up to 8 SSIDs, allowing administrators to logically divide the access point into several virtual access points all within a single hardware platform. Rather than having separate networks with several access points, administrators can deploy one single

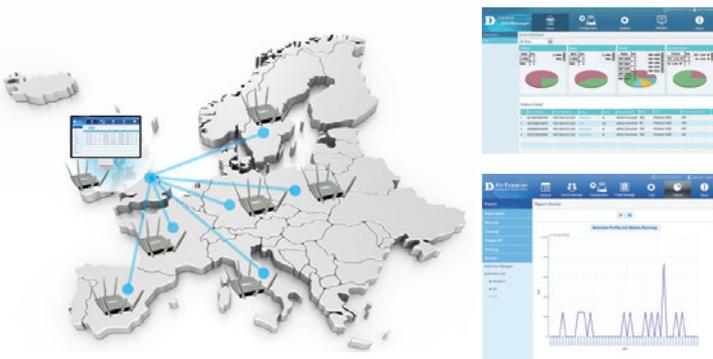
AP to support more than one application, such as public Internet access and internal network control to increase flexibility and reduce costs. The DAP-3320 supports 802.1Q VLAN tagging, operating with multiple SSIDs to segment traffic to enhance performance and security. The DAP-3320 provides WLAN partitioning, a useful function for deployments such as wireless hot spots. With station-to-station partitioning enabled, security is enhanced, since wireless traffic is isolated from each other so that the possibility for data theft is reduced.

Robust Security and Network Management Tools

The DAP-3320 supports 64/128-bit WEP data encryption and WPA/WPA2 security functions as well as MAC address filtering to control user access. In addition, the disable SSID broadcast function can be used to limit unauthorised wireless access to the internal network. Network administrators have multiple options for managing the DAP-3320, including web (HTTP), Secure Socket Layer (SSL), Secure Shell (SSH), and Telnet. For advanced network management, administrators can use the D-Link Central WiFiManager to configure and manage multiple access points from a single location. In addition, the D-Link Central WiFiManager provides network administrators with the means of conducting regular maintenance checks remotely, eliminating the need for sending out personnel to physically verify proper operation.

The DAP-3320 has a wireless scheduler feature, which turns off wireless functionality when it isn't needed, saving power. With its high output power design, PoE support, extensive manageability, versatile operation modes, and solid security enhancements, the DAP-3320 provides small to medium business and enterprise environments with a business-class solution for deploying a wireless network.

Free Central WiFiManager Software



Manage up to 500 APs from a single location, complete with a multi-tenant structure that provides multi-layer management authority. Allows you to be in control of your wireless network from anywhere in the world through the Internet by using a web browser on your PC, smartphone or tablet. Enterprise-level features such as bandwidth optimisation, captive portal and RF optimisation help satisfy the needs of the modern business environment.

For more information visit www.dlink.com/CentralWiFiManager

Download the free software by registering at www.dlink.com/WiFiDownload

D-Link Assist Rapid Response Support

If the worst should happen to your network you need the very best support and fast. Downtime costs your business money. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away.

With a choice of three affordable service offerings covering all D-Link business products, you can select the package that suits you best:

D-Link Assist Gold - for comprehensive 24-hour support

D-Link Assist Gold is perfect for mission-critical environments where maximum uptime is a high priority. It guarantees four hour around-the-clock response. Cover applies 24/7 for every day of the year including holidays.

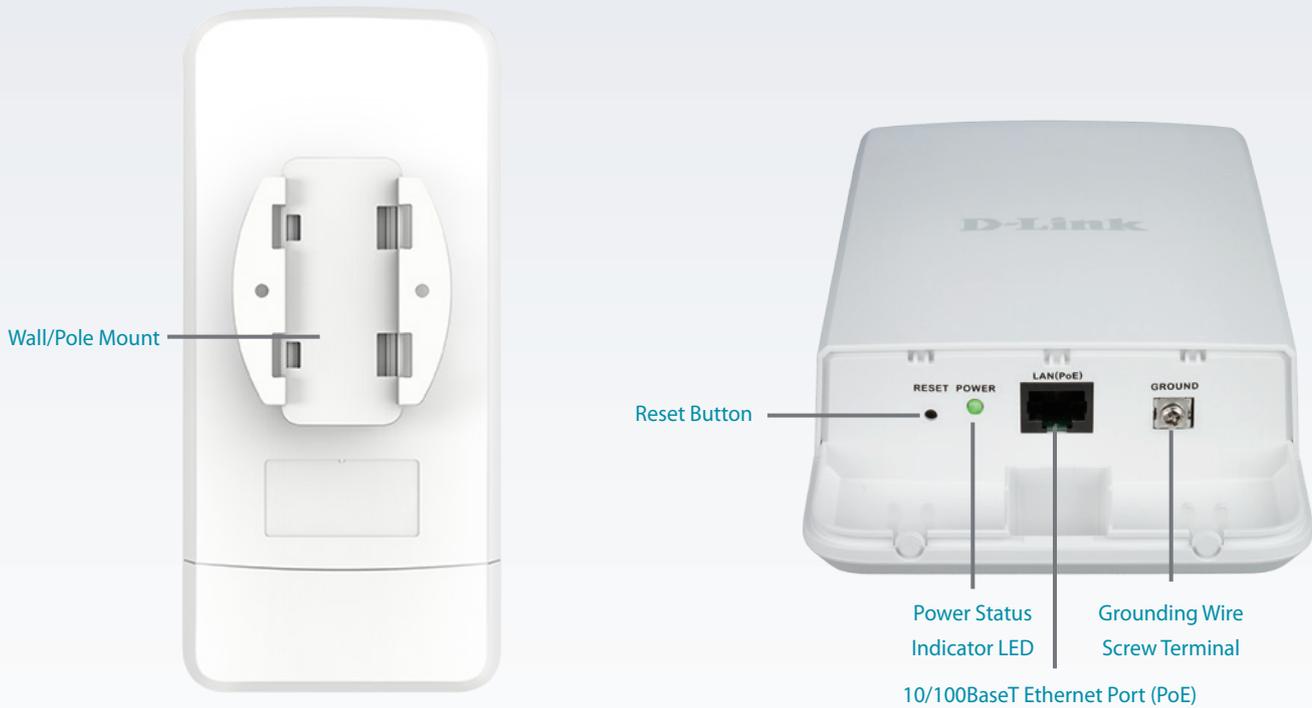
D-Link Assist Silver - for prompt same-day assistance

D-Link Assist Silver is designed for 'high availability' businesses that require rapid response within regular working hours. It provides a four hour response service Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist Bronze - for guaranteed response on the next business day

D-Link Assist Bronze is a highly cost-effective support solution for less critical environments. Response is guaranteed within eight business hours Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist can be purchased together with any D-Link business product. So whether you're buying switching, wireless, storage, security or IP Surveillance equipment from D-Link, your peace of mind is guaranteed. D-Link Assist also offers installation and configuration services to get your new hardware working quickly and correctly.



Technical Specifications

General

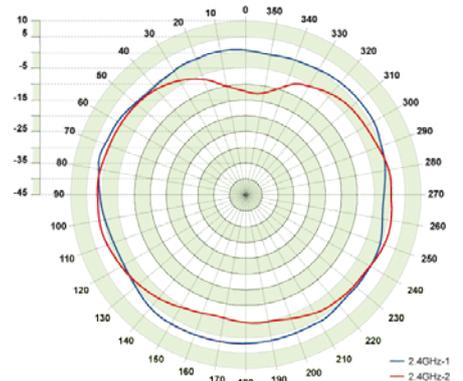
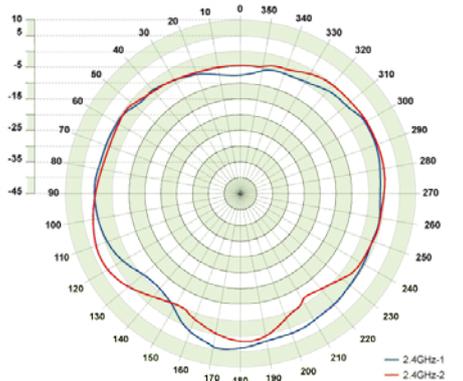
Device Interfaces	<ul style="list-style-type: none"> • 802.11n/g/b wireless • Reset Button 	<ul style="list-style-type: none"> • 10/100BaseT PoE Ethernet Port • Grounding Wire Connector
LED	<ul style="list-style-type: none"> • Power 	
Antenna	<ul style="list-style-type: none"> • 2 dBi Antenna 	
Wireless Frequency	<ul style="list-style-type: none"> • 2.4 GHz to 2.4835 GHz 	
Maximum Transmit Power Output	<ul style="list-style-type: none"> • 29.55 dBm (901 mW)¹ 	
Standards	<ul style="list-style-type: none"> • IEEE 802.11 b/g/n • IEEE 802.3u 	<ul style="list-style-type: none"> • IEEE 802.3 • IEEE 802.3af

Functionality

Operation Mode	<ul style="list-style-type: none"> • AP • WDS 	<ul style="list-style-type: none"> • WDS with AP • Wireless Client
Network Management	<ul style="list-style-type: none"> • Web Browser Interface • HTTP, Secure HTTP (HTTPS) • Telnet, Secure Shell (SSH) • D-Link Central WiFiManager 	<ul style="list-style-type: none"> • SNMP v1, v2c and v3 • Traffic Control • AP Array Security
Security	<ul style="list-style-type: none"> • WPA2-Personal/Enterprise • WPA-Personal/Enterprise • WEP 64/128 bit Encryption • 802.1x 	<ul style="list-style-type: none"> • SSID Broadcast Disable • MAC Address Control • Network Access Protection
SSID/VLAN	<ul style="list-style-type: none"> • Support for up to 8 SSIDs/VLANs 	

DAP-3320 Wireless PoE Outdoor Access point

Physical	
Dimensions	• 105.43 x 228.6 x 35.86 mm (4.15 x 9.00 x 1.41 inches)
Weight	• 370.4 grams (13.07 ounces) • 384.25 grams (13.55 ounces) with mounting bracket
Power Input	• 48 V, 0.5 A or 802.3af PoE compliant
Temperature	• Operating: -20 to 60 °C (-4 to 140 °F) • Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	• Operating: 0% to 90% non-condensing • Storage: 5% to 95% non-condensing
Surge Protection	• 4 kV
ESD Protection	• 15 kV
Certifications	• CE • FCC • UL • IC • Wi-Fi Certified

Antenna Patterns		
Orientation	H-Plane	E-Plane
2.4 GHz Wall Mounted 		

¹ Maximum power output varies in each country depending on local power regulations.

² IP55 standard effective against low pressure jets of water from all directions without harmful effects. It is recommended to place this device under a roof, shelter or in weather-proof box when in severe weather environment.

³ Maximum wireless signal rate derived from IEEE Standard 802.11g, and 802.11n 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 may adversely affect wireless signal range.



For more information: www.dlink.com

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