D-Link®

PRODUCT GUIDE

NETWORK SWITCHES
CLOUD NETWORK SOLUTIONS
INDUSTRIAL ETHERNET
WIRELESS
SMART HOME SURVEILLANCE

Why D-Link?

D-Link has been the brand of choice for millions of customers since way back in 1986. Back, in fact, since the Internet was in its infancy. We have grown with it, led the trends and continuously developed leading-edge products that reflect the needs and demands of real people in the real world, whether at work or at home.

With over 37 years in the industry, D-Link has both the resources and expertise needed to pioneer technological trends through ongoing research and development programmes. All this translates into affordable, market-leading products that make your business or personal life easier.

For Home

There's no avoiding it – we now live in a digital world, a world in which we want all our devices to talk to each other, to seamlessly integrate without the need for human intervention or continual techy tinkering. We want to stream music throughout our homes, ask Siri or Alexa what the weather will be like, visually monitor our babies or pets, download HD movies, share photos, play games and, of course, check our emails and browse the web.

All this needs modern, technologically advanced products that seamlessly integrate into our lives. And D-Link provides it all. Whether you need the latest Wi-Fi 6 router, a state-of-the-art network camera, smart plug, Wi-Fi range extender or a 5G hotspot, there's a D-Link product to suit.

For Business

From a business user perspective, D-Link has the scale, the resources, the experience and the expertise that the world's most demanding businesses look for. We make sure we stay really close to our customers' businesses and then, because our R&D resources are geared to fast-track product development, we provide them with early access to the most advanced solutions possible.

D-Link's switching, industrial Ethernet, wireless, security, and network management solutions deliver best-in-class performance. We offer standardised technology with industry- leading functionality integrated into highly flexible, highly reliable and highly secure solutions that are easy to implement, at a price you can afford.

Many of our business products come with a Limited Lifetime Warranty to reflect our commitment to provide even more quality, performance and value. Look for this logo to see which products are covered.

Lifetime

5G

Harness the power of 5G and experience multigigabit mobile internet speeds. 5G offers faster internet speeds with lower latency than most traditional copper and fibre networks.

With the freedom to deploy anywhere there is 5G coverage, businesses and homes can enjoy multigigabit internet, even in remote and rural locations. Enjoy streaming the latest movie in 4K around the house on multiple devices or use the latest Cloud/SaaS applications in a busy office.

The **DWP-1010** is a **5G outdoor modem/router** designed to be mounted externally for the optimal 5G reception. Enjoy 5G download speeds of up to **4 Gbps** without the physical wires or fibres. Integrated **6 x 5G antennas** maximise reception, while the **2.5 Gigabit PoE port** minimises connection bottleneck and allows you to connect and power through a single cable.

Model	DWP-1010	DWR-978
Product name	5G/LTE Outdoor CPE	5G AC2600 Wi-Fi Router
Indoor/outdoor (IP-rating)	Outdoor (IP67)	Indoor
Mount	Wall and pole	Desktop
Wireless standard	(For installation and maintenance only)	Wave 2 Wireless AC2600
Wireless speed		800 Mbps 2.4 GHz 1732 Mbps 5 GHz
Dual-band		●
MU-MIMO		●
Guest Wi-Fi network		●
Wi-Fi Antennas	Internal	Internal
WPA3		●
4G/5G Antennas	Internal	Internal & detachable external
Type of WAN	5G NR Sub 6 GHz: n1/3/20/28/77/78 (D/L: 4 Gbps, U/L: 620 Mbps)	Gigabit Ethernet, 5G NR Sub 6 GHz: n1/3/20/28/78 (D/L: 1.6 Gbps, U/L: 150 Mbps)
4G/LTE fallback	●	●
Integrated SIM card slot	●	●
Wired LAN speed	2.5 Gigabit	Gigabit
Number of LAN ports	1	4
PoE	802.3at	
Fail-safe Internet		●
USB port		USB 2.0 x 1

made in TAIWAN

nuclias

People simply want things to work as they should, and network management is no exception. D-Link designed Nuclias to be a networking solution with a simple and user-orientated design, packed with rich features and functionality, designed to address the needs of everyone.

nuclias cloud

Simplicity

Nuclias Cloud allows any organisation with any level of IT resource to quickly and easily set up, configure, monitor, troubleshoot, and manage their network deployment remotely through a web browser, or the dedicated Nuclias tablet app.

Zero-Touch Deployment	Zero-touch deployment and reduced installation and configuration costs thanks to a centralised, profile-based cloud management system.
Hassle-Free Management	Nuclias Cloud is a turnkey solution with simple installation and management, designed to work even if the connection to the cloud is interrupted.
Unlimited Scalability	Suitable for small branch offices to large networks, Nuclias Cloud provides unlimited capacity and uncompromised throughput with its low in-band data management footprint.

Main features
- Zero-touch provisioning
- Role-based administration
- Auditable change logs
- Authentication via customisable captive portal, 802.1x and RADIUS server
- Social login for Wi-Fi access supported
- Advanced traffic report and data analysis
- Intuitive web-based interface with multilingual support
- Automatic monitoring and alerts
- Over-the-web firmware upgrades
- Searchable network-wide event log
- Intuitive VLAN Configuration
- Cloud based RF Optimisation

Nuclias Connect is the ideal centralised network management solution for SMB and SME networks. Nuclias Connect makes it easier to analyse, automate, configure, optimise, scale, and secure a network – delivering the convenience of an Enterprise-grade management solution, at an SMB price.

Free
Software Download

Free to download software for Windows and Linux providing centralised management for a wide range of D-Link access points.

Self-Optimising
Network

Nuclias Connect automatically adjusts access point transmission power to optimise coverage as well as self-heal in the event of device failure.

Local
Management

Nuclias Connect can be installed on a local as well as privately hosted cloud server, meaning all the data is kept private. Alternatively, Nuclias Connect Hub* is a dedicated controller preloaded with the Nuclias Connect management software

Retailers

Hotels

Branch Offices

Schools & Universities

Corporate Buildings

Customisable

nuclias connect

Main features

- Free-to-Download Management Software
- License-Free Access Points
- Backwards-Compatibility
- Intuitive Interface
- Inexpensive Hardware Controller (Nuclias Connect Hub)
- Traffic Reporting & Analytics
- Remote Config & Batch Config
- Multi-Tenant & Role-based Administration
- Searchable & Auditable Event & Change Logs
- 802.1x and RADIUS Server, POP3, LDAP
- Multilingual Support
- Front-Desk Ticket Management
- Authentication and Payment Gateway (Paypal)
- Integration via Customisable Captive Portal

Nuclias Connect Hub

Flexibility to Meet Your Needs

- Free software download or dedicated Nuclias Connect Hub*
- Monitoring and remote management of wireless APs on your network
- Control & analytics of a broad or fine granularity, presentable in a variety of formats.
- Manage a variety of distributed deployments, including the option to configure settings and admin accounts in a specific manner for each deployment.
- Expand from a small network to a larger one (up to 1,000 APs)

Insights at a Glance

- Gain an extensive understanding of your network through usage analytics and status reports which can be viewed at a glance.
- Insights derived from traffic data can create business value.
- Traffic can be viewed across the entire network, to the level of a single AP.
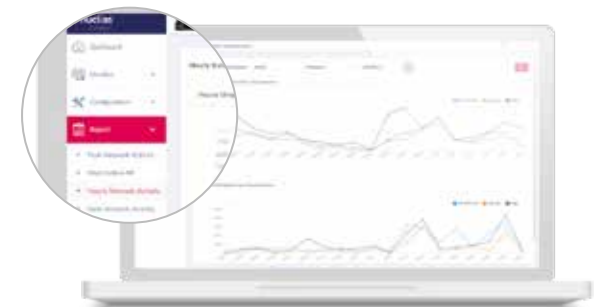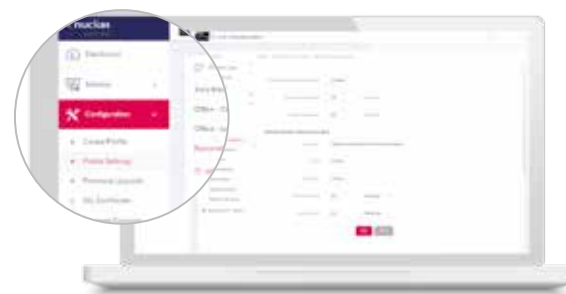
nuclias cloud

Complete cloud-managed networking solution for small to medium-sized organisations with one or more sites.

Zero-touch provisioning

Simpler to install and easier to manage

€ Pay-as-you grow Subscription

Wi-Fi coverage and network capacity are provided by high-performance Access Points and Managed Switches deployed on site, while configuration and ongoing management can be carried out remotely through a web browser or tablet. Zero-touch provisioning and centralised cloud-based control make the network simpler to install and easier to manage, without the need to have specialised equipment or personnel onsite. SSL encrypted, out-of-band network monitoring and management ensures secure connectivity whilst minimising bandwidth requirement.

Wave 2 Cloud-Managed Access Points

MODEL	DBA-1210P	DBA-2520P	DBA-2820P	DBA-3620P	DBA-3621P
Indoor/Outdoor	Indoor	Indoor	Indoor	Outdoor (IP55)	Outdoor (IP67)
Surge/ESD Protection					4kV/4kV
Wireless standards	Simultaneous Dual-band a/n/ac (Wave 2) and b/g/n				
Antenna	2 x 2 embedded	3 x 3 embedded	4 x 4 embedded	2 x 2 embedded	2 x 2 detacheable
Maximum wireless speed	867 Mbps - 5 GHz 300 Mbps - 2.4 GHz	1,300 Mbps - 5 GHz 600 Mbps - 2.4 GHz	1,733 Mbps - 5 GHz 800 Mbps - 2.4 GHz	867 Mbps - 5 GHz 400 Mbps - 2.4 GHz	867 Mbps - 5 GHz 400 Mbps - 2.4 GHz
MU-MIMO	•	•	•	•	•
Power-over-Ethernet	• (802.3af)	• (802.3at)	• (802.3at)	• (802.3af)	• (802.3af)
Wired interface	1 x Gigabit Ethernet	2 x Gigabit Ethernet	2 x Gigabit Ethernet	2 x Gigabit Ethernet	2 x Gigabit Ethernet
Type of Housing	Plastic	Plastic	Plastic	Plastic	Metal
WPA3 Wi-FI Encryption	•	•	•	•	•

Wi-Fi 6/802.11ax Cloud-Managed Access Points

MODEL	DBA-X1230P	DBA-X2830P
Indoor/Outdoor	Indoor	Indoor
Wireless standards	Simultaneous Dual-band a/n/ac/ax and b/g/n/ax	
Antenna	2 x 2 embedded	4 x 4 embedded
Maximum wireless speed	1200 Mbps - 5 GHz 600 Mbps - 2.4 GHz	2402 Mbps - 5 GHz 1147 Mbps - 2.4 GHz
MU-MIMO	•	•
Power-over-Ethernet	• (802.3at)	• (802.3at)
Wired interface	1 x Gigabit Ethernet	1 x 2.5G Ethernet, 1 x Gigabit Ethernet
Type of Housing	Plastic	Plastic
WPA3 Wi-FI Encryption	•	•

SD-WAN Gateway

MODEL	DBG-2000
Number of Gigabit ports	4
Configurable WAN (load balancing)/LAN/DMZ ports	2
Console port	•
Firewall throughput	1.8 Gbps
3DES/AES	450 Mbps
SSL VPN	200 Mbps
Maximum concurrent sessions	200,000
Maximum IPsec VPN, PPTP/L2TP, SSL, GRE VPN tunnel	200
Intrusion prevention system	•
Dynamic web content filtering	•

Gigabit Cloud-Managed Switches
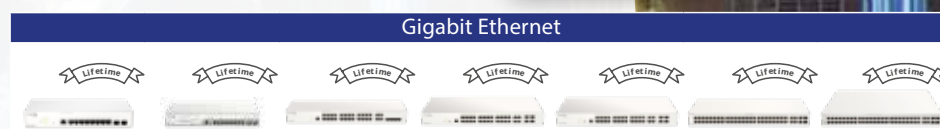
	MODEL	DBS-2000-10	DBS-2000-10MP	DBS-2000-28	DBS-2000-28P	DBS-2000-28MP	DBS-2000-52	DBS-2000-52MP
HARDWARE	Number of Gigabit ports	8	8	24	24	24	48	48
	Number of Combo 1000BASE-T/SFP ports			4	4	4	4	4
	Number of SFP ports	2	2					
	Switching capacity	20 Gbps	20 Gbps	56 Gbps	56 Gbps	56 Gbps	104 Gbps	104 Gbps
	PoE standards		802.3af, 802.3at		802.3af, 802.3at	802.3af, 802.3at		802.3af, 802.3at
	PoE power budget		130 W		193 W	370 W		370 W
	PoE capable ports		Ports 1-8, up to 30 W		Ports 1-24, up to 30 W	Ports 1-24, up to 30 W		Ports 1-48, up to 30 W
	Time-based PoE		•		•	•		•
	Fanless	•	•	•			•	
	802.3az EEE	•	•	•	•	•	•	•
	Power supply type	Internal	Internal	Internal	Internal	Internal	Internal	Internal
L2	MAC address	8K	8K	8K	8K	8K	16K	16K
	802.1D STP, 802.1w RSTP	•	•	•	•	•	•	•
	802.3ad link aggregation	•	•	•	•	•	•	•
VLAN	VLAN group (max static)	256	256	256	256	256	256	256
	Port-based VLAN, Voice VLAN	•	•	•	•	•	•	•
SECURITY	SSL	•	•	•	•	•	•	•
	ACL	•	•	•	•	•	•	•
	Port security	•	•	•	•	•	•	•

NUCLIAS CONNECT

nuclias connect

A free network management software with robust functionality, highly scalable, and end-to-end control.

MODEL	DAP-2610	DAP-2680	DAP-2682	DAP-X2810	DAP-X2850	DAP-X3060	DAP-2662	DAP-3666	DIS-2650AP	DIS-3650AP
WiFi4EU/Hotspot 2.0 compatible							•	•		
Wireless standards	Simultaneous a/n/ac (Wave 2) and b/g/n	Simultaneous a/n/ac (Wave 2) and b/g/n	Simultaneous a/n/ac (Wave 2) and b/g/n	Simultaneous a/n/ac/ax (Wi-Fi 6) and b/g/n/ax	Simultaneous a/n/ac/ax (Wi-Fi 6) and b/g/n/ax	Simultaneous a/n/ac/ax (Wi-Fi 6) and b/g/n/ax	Simultaneous a/n/ac (Wave 2) and b/g/n	Simultaneous a/n/ac (Wave 2) and b/g/n	Simultaneous a/n/ac (Wave 2) and b/g/n	Simultaneous a/n/ac (Wave 2) and b/g/n
802.11k/v/r fast roaming	• (802.11k/r only)			• (802.11k/r only)	• (802.11k/r only)	• (802.11k/r only)	•	•	• (802.11k/r only)	• (802.11k/r only)
Wireless frequency range	2.4 to 2.4835GHz 5.15 to 5.875GHz	2.4 to 2.4835 GHz 5.15 to 5.875 GHz	2.4 to 2.4835 GHz 5.15 to 5.85 GHz	2.4 to 2.483 GHz, 5.15 to 5.35 GHz, 5.47 to 5.85 GHz	2.4 to 2.483 GHz, 5.15 to 5.35 GHz, 5.47 to 5.85 GHz	2.4 to 2.483 GHz, 5.15 to 5.35 GHz, 5.47 to 5.85 GHz	2.4 to 2.4835 GHz 5.15 to 5.875 GHz	2.4 to 2.4835 GHz 5.15 to 5.875 GHz	2.4 to 2.483 GHz, 5.15 to 5.35 GHz, 5.47 to 5.85 GHz	2.4 to 2.483 GHz, 5.15 to 5.35 GHz, 5.47 to 5.85 GHz
Maximum wireless speed	867 Mbps - 5 GHz 400 Mbps - 2.4 GHz	1300 Mbps - 5 GHz 450 Mbps - 2.4 GHz	1700 Mbps - 5 GHz 600 Mbps - 2.4 GHz	1200 Mbps - 5 GHz 600 Mbps - 2.4 GHz	2402 Mbps - 5 GHz 1147 Mbps - 2.4 GHz	2401 Mbps - 5 GHz 574 Mbps - 2.4 GHz	867 Mbps - 5 GHz 300 Mbps - 2.4 GHz	867 Mbps - 5 GHz 300 Mbps - 2.4 GHz	867 Mbps - 5 GHz 300 Mbps - 2.4 GHz	867 Mbps - 5 GHz 300 Mbps - 2.4 GHz
MIMO	• (MU-MIMO)	• (MU-MIMO)	• (MU-MIMO)	• (MU-MIMO)	• (MU-MIMO)	• (MU-MIMO)	• (MU-MIMO)	• (MU-MIMO)	• (MU-MIMO)	• (MU-MIMO)
Antenna type	2 x 2 embedded omni-directional	3 x 3 embedded omni-directional	4 x 4 embedded omni-directional	2 x 2 embedded omni-directional	4 x 4 embedded omni-directional	2 x 2 embedded omni-directional	2 x 2 embedded omni-directional	2 x 2 embedded omni-directional	2 x 2 detachable omni-directional	2 x 2 detachable omni-directional
Antenna gain	3 dBi for 2.4GHz 3 dBi for 5GHz	3.6 dBi for 2.4GHz 4.2 dBi for 5GHz	3.7 dBi for 2.4GHz 4.8 dBi for 5GHz	3.2 dBi for 2.4GHz 4.2 dBi for 5GHz	3.5 dBi for 2.4GHz 5.5 dBi for 5GHz	3 dBi for 2.4GHz 3 dBi for 5GHz	3 dBi for 2.4GHz 4 dBi for 5GHz	6 dBi for 2.4GHz 6 dBi for 5GHz	2.5 dBi for 2.4GHz 3 dBi for 5GHz	3 dBi for 2.4GHz 5 dBi for 5GHz
Power-over-Ethernet (PoE)	• (802.3af)	• (802.3at)	• (802.3at)	• (802.3at)	• (802.3at)	• (802.3at)	• (802.3af)	• (802.3af)	• (802.3at)	• (802.3at)
DC power input									Dual 12 to 48 V DC	
Wired interface	1 x Gigabit	1 x Gigabit	2 x Gigabit	1 x Gigabit	1 x 2.5 Gigabit 1 x Gigabit	1 x 2.5 Gigabit	1 x Gigabit	2 x Gigabit	2 x Gigabit	2 x Gigabit
Type of housing	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Metal	Metal
Outdoor housing (IP rating)								• (IP68)		• (IP67)
Surge/ESD protection									• (2 kV/15 kV)	• (6 kV/8 kV)
DIN rail mountable									•	•
Maximum number of SSIDs	16	16	16	16	16	16	16	16	16	16
Multiple modes (AP, WDS with AP, WDS / bridge, client)	•	•	•	•	•	•	•	•	•	•
WMM-PS/802.11e (U-APSD)	•	•	•	•	•	•	•	•	•	•
Wi-Fi scheduler	•	•	•	•	•	•	•	•	•	•
AP traffic load balance	•	•	•	•	•	•	•	•	•	•
WEP/WPA/WPA2-Per./Ent.	•	•	•	•	•	•	•	•	•	•
WPA3-Per./Ent.	WPA3-Per. only			•	•	•				WPA3-Per. only
WLAN partition, Station Isolation	•	•	•	•	•	•	•	•	•	•
SSID broadcast disable	•	•	•	•	•	•	•	•	•	•
MAC address filtering	•	•	•	•	•	•	•	•	•	•
802.1X authentication	•	•	•	•	•	•	•	•	•	•
DHCP server (in standalone mode)	•	•	•	•	•	•	•	•	•	•
802.1D STP, IGMP snooping, ARP spoofing, SNTP	•	•	•	•	•	•	•	•	•	•
IPv6	•	•	•	•	•	•	•	•	•	•
WEB	•	•	•	•	•	•	•	•	•	•
SNMP (v1, v2c, v3)	•	•	•	•	•	•	•	•	•	•
CLI, Telnet, SSH	•	•	•	•	•	•	•	•	•	•
Syslog	•	•	•	•	•	•	•	•	•	•
Works with Nuclias Connect	•	•	•	•	•	•	•	•	•	•

BUSINESS WIRELESS

Managing Your Network

D-Link's network management options allow you to centrally manage and monitor multiple wireless access points and switches either within a local network or remotely. Furthermore with our Nuclias Cloud-Managed Networks, you can quickly and easily deploy and monitor unlimited number of devices through a simple pay as you grow subscription model.

Managed Wireless

		Nuclias Cloud	Nuclias Connect	Nuclias Connect Hub (DNH-100)	DWC-1000 (H/W vers. C1)	DWC-2000
WLAN MANAGEMENT	Number of Gigabit ports			1 x LAN	4 x LAN, 2 x WAN	4 x Combo LAN
	Type of controller	Cloud-based	Software-based (**Free**)	Hardware-based	Hardware-based	Hardware-based
	Standard number of APs / switches	N/A, Subscription per AP	1500	100	12 (48 with cluster of 4 x DWC-1000)	64 (256 with cluster of 4 x DWC-2000)
	Maximum number of APs through optional license upgrade	Unlimited APs supported through subscription			66 (264 with cluster of 4 x DWC-1000)	256 (1024 with cluster of 4 x DWC-2000)
	Supported AP	DBA-1210P, DBA-2520P, DBA-2820P, DBA-3620P, DBA-3621P, DBA-X1230P DBA-X2830P	DAP-2610, DAP-2622, DAP-2662. DAP-2680, DAP-2682, DAP-3711, DAP-3712, DAP-X2810, DAP-X2850, DAP-3666, DIS-2650AP, DIS-3650AP		DWL-6610AP, DWL-6610APE, DWL-6620APS, DWL-7620AP, DWL-8620AP, DWL-8620APE, DWL-8720AP, DWL-X8630AP	
	Supported switches	DBS-2000-10MP, DBS-2000-28, DBS-2000-28P. DBS-2000-28MP DBS-2000-52, DBS-2000-52MP	DGS-1100V2 Series Smart Managed Switches (10 ports and above) DGS-1210 Series Smart Managed Switches (hardware version Gx and Fx)			
	Supported gateway	DBG-2000				
	Zero touch provisioning for AP deployment	•				
	AP geolocation	• (with Google Maps)				
	Controller redundancy				•	•
	Advanced traffic report and data analysis	•	•	•		
	Visualised topology	•	•	•		
	NAT pass through (AP)	•	•	•		
	Multi-tenancy	•	•	•		
	WIDS				•	•
	IPv6	•	•	•	•	•
AUTHENTICATION	Captive portal	•	•	•	•	•
	Authentication method	802.1x, RADIUS, Local DB, Facebook, Google login, external RADIUS, LDAP, AD Local DB, Twitter, SMS	802.1x, RADIUS, Local DB, external RADIUS, LDAP, POP3, Wi-Fi passcode, AD Local DB, external RADIUS, NAP		802.1x, RADIUS, Local DB, LDAP, POP3, Wi-Fi passcode, AD Local DB, external RADIUS, NAP	
	Payment gateway (Paypal, WorldPay, SecureNet, Authorise.Net)		•	•	•	•
	Web redirect	•	•	•	•	•
RF	Auto transmit power control	•	•	•	•	•
	Self-healing around failed APs	•	•	•	•	•
WIRELESS FEATURE	Multiple SSID per Radio (AP)	8	8	8	16	16
	Band steering	•	•	•	•	•
	Seamless roaming	•			•	•
	L2 roaming	•	•	•	•	•
	Bandwidth optimisation	•	•	•	• (QoS)	• (QoS)
	Load balancing				•	•
MANAGEMENT	Web-based user interface	HTTPS	HTTPS	HTTPS	HTTPS	HTTPS
	Firmware/module online check	•	•	•		
	Remote management	•	•	•	•	•
	Cloud hosting	Native	AWS / Azure	AWS / Azure		
	Firmware/configuration upgrade by scheduling	•	•	•		
NETWORKING	WAN fail-over				•	
	Link aggregation					• (LACP)
	Layer 3 routing (table size)				• (100)	• (2048)
	Firewall				•	
	VLAN	•	•	•	•	•
	Support VPN gateway				• (VPN license upgrade)	
	Build in DHCP server	•			•	
OTHERS	Optional license upgrades				DWC-1000-AP6-LIC DWC-1000-VPN-LIC	DWC-2000-AP32-LIC DWC-2000-AP64-LIC DWC-2000-AP128-LIC

❯ Saves time and resources by configuring and managing multiple access points from a cloud, software or hardware-based wireless controller.

Top banner labels: 15 dBi Antenna 5 km · Lifetime · 23 dBi Antenna 20 km · Lifetime · 802.11ac Wave 2 · Smart Antenna · Lifetime · 802.11ac Wave 2 · Lifetime · Lifetime · WiFi 6 CERTIFIED · Lifetime

|	MODEL	DAP-2020	DAP-3711	DAP-3712	DWL-6610AP/APE	DWL-6620APS	DWL-8620AP/APE	DWL-8720AP	DWL-X8630AP
HARDWARE	Wireless standards	b/g/n	a/n/ac	a/n/ac	Simultaneous Dual-Band a/n/ac and b/g/n	Simultaneous Dual-Band a/n/ac (Wave 2) and b/g/n	Simultaneous Dual-Band a/n/ac (Wave 2) and b/g/n	Simultaneous Dual-Band a/n/ac (Wave 2) and b/g/n	Simultaneous Dual-Band a/n/ac/ax and b/g/n
	Wireless frequency range	2.4 to 2.4835 GHz	5180~5320 MHz, 5745~5825 MHz	5180~5320 MHz, 5745~5825 MHz	2.4 to 2.4835GHz 5.15 to 5.875GHz	2.4 to 2.4835GHz 5.15 to 5.875GHz	2.4 to 2.4835GHz 5.15 to 5.875GHz	2.4 to 2.4835GHz 5.15 to 5.85 GHz	2.4 to 2.4835GHz 5.15 to 5.85 GHz
	Maximum wireless speed	300 Mbps - 2.4 GHz	867 Mbps - 5 GHz	867 Mbps - 5 GHz	867 Mbps - 5 GHz 300 Mbps - 2.4 GHz	867 Mbps - 5 GHz 400 Mbps - 2.4 GHz	1733 Mbps - 5 GHz 800 Mbps - 2.4 GHz	867 Mbps - 5 GHz 400 Mbps - 2.4 GHz	2402 Mbps - 5 GHz 1147 Mbps - 2.4 GHz
	MIMO	•	•	•	•	• (MU-MIMO)	• (MU-MIMO)	• (MU-MIMO)	• (MU-MIMO)
	Antenna type	2 x 2 detachable omni-directional	2 x 2 embedded sector	2 x 2 dish sector	2 x 2 embedded / detachable omni-directional	2 x 2 embedded omni-directional	4 x 4 embedded / detechable omni-directional	2 x 2 detachable omni-directional	4 x 4 embedded omni-directional
	Smart Antennas								
	Antenna gain	5 dBi	15 dBi	23 dBi	4 / 3 dBi for 2.4GHz 4 dBi for 5GHz	4 dBi for 2.4GHz 6 dBi for 5GHz	3 dBi for 2.4GHz 4 dBi for 5GHz	3.5 dBi for 2.4GHz 5 dBi for 5GHz	3 dBi for 2.4GHz 4 dBi for 5GHz
	Power-over-Ethernet		• (proprietary)	• (802.3at)	• (802.3af)	• (802.3at)	• (802.3at)	• (802.3af)	• (802.3at)
	Wired interface	1 x Fast Ethernet	2 x Gigabit Ethernet	1 x Gigabit Ethernet	1 x Gigabit Ethernet	2 x Gigabit Ethernet	2 x Gigabit Ethernet	1 x Gigabit Ethernet	1 x Gigabit Ethernet 1 x 2.5G Ethernet
	Link Aggregation					LAG	LACP		LACP
	Console port				•	•	•	•	•
	Type of housing	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Metal	Plastic
	Outdoor housing (IP rating)		• (IP66)	• (IP66)				• (IP67)	
	Plenum rated (UL-2043)				•	•	• (DWL-8620AP only)		•
WIRELESS MODES	Access point (AP)	•	•	•	•	•	•	•	•
	WDS with AP	•	•	•	•	•	•	•	•
	WDS / bridge	•	•	•	•	•	•	•	•
WIRELESS FEATURES	Maximum number of SSIDs	1	8	8	32 (16 per radio)	32 (16 per radio)	32 (16 per radio)	32 (16 per radio)	32 (16 per radio)
	Auto channel selection	•	•	•	•	•	•	•	•
	WMM-PS/802.11e (U-APSD), AP load balance	•	•	•	•	•	•	•	•
	Wi-Fi scheduler	•	•	•	•	•	•	•	•
	L2 roaming				•	•	•	•	•
SECURITY	WPA3 - 128/192-bit Personal/Enterprise wireless encryption					•	•	•	•
	WEP 64/128bit, WPA/WPA2-Personal/Enterprise, TKIP/AES encryption	•	• (no WEP encryption)	• (no WEP encryption)	•	• (no WEP encryption)	• (no WEP encryption)	• (no WEP encryption)	• (no WEP encryption)
	WPA/WPA2-PSK over WDS				•	•	•	•	•
	WLAN partition	•	•	•	•	•	•	•	•
	SSID broadcast disable	•	•	•	•	•	•	•	•
	Rogue AP detection, station isolation	• (no Rogue AP dect.)	• (no Rogue AP dect.)	• (no Rogue AP dect.)	•	•	•	•	•
	MAC address filtering, 802.1X authentication	•	•	•	•	•	•	•	•
WIRELESS CONTROLLER MANAGED FEATURES	Rogue AP mitigation				•	•	•	•	•
	L2/L3 fast roaming				•	•	•	•	•
	WIDS/WIPS				•	•	•	•	•
	Auto-channel, auto-RF management				•	•	•	•	•
	AP load balance				•	•	•	•	•
	Captive portal				•	•	•	•	•
	View neighbour AP information				•	•	•	•	•
	Supported D-Link Wireless Controller				DWC-1000, DWC-2000	DWC-1000, DWC-2000	DWC-1000, DWC-2000	DWC-1000, DWC-2000	DWC-1000, DWC-2000
MANAGEMENT	WEB	•	•	•	•	•	•	•	•
	SNMP (v1, V2c, v3)				•	•	•	•	•
	CLI, Telnet, SSH				•	•	•	•	•
	Syslog		•	•	•	•	•	•	•

mydlink

The smart way to protect and control your home

Keep an eye on your home while you're away, save money by controlling your power budget, set your lights to turn on when it gets dark.
Your home, only smarter.

1. Smart scheduling and automation
2. Cloud recording allows you to record video clips to off-site cloud storage
3. One-tap feature allows you to easily control multiple devices and bundle multiple actions into scenarios
4. Works with Amazon Alexa and Google Assistant voice control
5. Quick and easy setup with integrated Bluetooth

works with the Google Assistant

amazon alexa
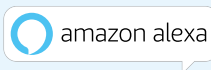
Protect Your Home with AI Smart AI-Based Detection

Person Detection
Multi-zone Motion Detection
Boundary-crossing Detection
Priority Zone

reddot winner 2021

iF DESIGN AWARD 2021

The Smart Full HD Wi-Fi Camera comes with free AI-based intelligent motion detection that helps you customise how alerts are triggered for smarter home monitoring

The 2K QHD Pan & Zoom Outdoor Wi-Fi Camera intelligently detects human and car shape objects and the sound of breaking glass.

mydlink

Available on the App Store

GET IT ON Google play

FREE mydlink app with Cloud Recording

The mydlink app takes you to the heart of your smart home, so you can easily control, monitor, and automate every smart home device, wherever you are, whenever you connect to the app.

Control lights around your home without reaching for the switch. Save your home camera recordings straight to the cloud and enjoy your best memories. Turn everything off when you head to bed – mydlink takes the legwork out of your chores so you can spend time doing what you love.

	MODEL	DCS-8000LHV3	DCS-8300LHV2	DCS-8350LH*	DCS-8620LH*	DCS-8635LH
HARDWARE	Indoor/Outdoor	Indoor	Indoor	Indoor	Indoor/Outdoor	Indoor/Outdoor
	Maximum Video Resolution	1080p	1080p	2K QHD 1440p	2K QHD 1440p	2K QHD 1440p
	Video Encoding			H.265 HEVC	H.265 HEVC	H.265 HEVC
	Night Vision (Range	● (Up to 5 m)	● (Up to 5 m)	● (Up to 7 m)	● (Up to 7 m)	● (Up to 7 m)
	Field Of View (H/V/D)	109° / 58.5° / 129°	100° / 52° / 120°	108° / 58° / 127°	108° / 58° / 127°	105.4° / 56.4° / 125°
	Motorised Pan/Tilt					● (pan only)
	Pan Range					-135° to +135°
	Preset positions					●
	Auto Motion Tracking					●
	Panorama Position Selection					●
	2-Way Audio		●	●	●	●
	Built-in Microphone	●	●	●	●	●
	Built-in Speaker		●	●	●	●
	Built-in Siren				●	●
	PIR Motion Sensor					●
	Wireless	802.11g/n	802.11b/g/n	Dual-Band 802.11n/ac	Dual-Band 802.11n/ac	Dual-Band 802.11n/ac
	Wireless Security	WPA3	WPA3	WPA3	WPA3	WPA3
	Maximum microSD card		256 GB	256 GB	256 GB	256 GB
FEATURES	Sound / Motion Detection	●	●	●	●	●
	Glass Break Detection				●	●
	CO/Smoke Alarm Sound Detection			●		
	AI-Motion Detection	Person	Person	Person	Person, vehicle	Person, vehicle
	Video Recording	Cloud / App	Cloud / microSD / App	Cloud / microSD / App	Cloud / microSD / App	Cloud / microSD / App
	Amazon Alexa Support	●	●	●	●	●
	Google Assistant Support	●	●	●	●	●
	Bluetooth Setup	●	●	●	●	●
	ONVIF Support	●	●	●	●	●

* Available in selected countries only. Please check with you local D-Link representative for more information.

EAGLE PRO AI

Imagine Wi-Fi so clever that it adapts continuously to its surroundings and how you use your Wi-F, to provide faster and more stable connections to all your devices. You can mix and match to create an intelligent mesh Wi-Fi for seamless connectivity everywhere. It even intelligently monitors your network usage to give simple, actionable recommendations to keep your network at peak performance for everyone.

AI Parental Controls

Assign devices to profiles to block websites, set schedules for access, and turn off Wi-F

AI Mesh Optimiser

Mesh nodes collaborate with each other to optimise network traffic

AI Wi-Fi Optimiser

Smart continuous channel monitoring gets you connected on the best channel available

AI Traffic Optimiser

Smart QoS keep your gaming, voice calls, video streaming, and downloads uninterrupted

WPA3 Security

The latest in wireless encryption to keep your network safe from unauthorised access

MU-MIMO & OFDMA

Perfect for 4K streaming, VR gaming, video calling and smart home devices

Voice Control with Google/Alexa

Control your network and devices in your home conveniently through a voice assistant

Clean Network

Compliant with IEC 62443-4-1 ensure your network stays safe

made in TAIWAN

Download on the **App Store**

GET IT ON **Google Play**

EAGLE PRO AI

EAGLE PRO AI App

AI Assistant
Proactive app provides notifications and usage reports to keep your Wi-Fi and network traffic optimal

Enhanced Parental Controls
Create profiles, set schedules, establish bedtime, block specific web domains, and pause the internet

One Connection – Infinite Possibilities

	MODEL	R15	R32	E15	M15-2 / M15-3	M32-2 / M32-3
GENERAL	Coverage area	Up to 230 m²	Up to 230 m²	Up to 230 m²	Up to 370 m² / 500 m²	Up to 510 m² / 740 m²
	Number of units in pack	1	1	1	2 / 3	2 / 3
	D-Link Wi-Fi Mesh*	●	●	●	●	●
WIRELESS	Operational Modes	Router/Extender/Bridge	Router/Extender/Bridge	Extender	Router/Extender/Bridge	Router/Extender/Bridge
	Wireless standard	Wi-Fi 6 Wireless AX1500	Wi-Fi 6 Wireless AX3200	Wi-Fi 6 Wireless AX1500	Wi-Fi 6 Wireless AX1500	Wi-Fi 6 Wireless AX3200
	Wireless speed	300 Mbps 2.4 GHz 1201 Mbps 5 GHz	800 Mbps 2.4 GHz 2402 Mbps 5 GHz	300 Mbps 2.4 GHz 1201 Mbps 5 GHz	300 Mbps 2.4 GHz 1201 Mbps 5 GHz	800 Mbps 2.4 GHz 2402 Mbps 5 GHz
	Dual-band	●	●	●	●	●
	Smart steering (automatic selection of optimal Wi-Fi band)	●	●	●	●	●
	Multi-User MIMO (MU-MIMO) + OFDMA	●	●	●	●	●
	Wireless security	WPA2/WPA3	WPA2/WPA3	WPA2/WPA3	WPA2/WPA3	WPA2/WPA3
ADV.	Quick VPN	●	●		●	●
	Static routes	●	●		●	●
WIRE	LAN speed	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
	Number of WAN ports / unit	1	1		1	1
	Number of LAN ports / unit	3	4	1	1	2

* R15/M15/E15/G415/G416 can be combined to create a mesh network. R32/M32 can be combined to create a mesh network. R32/M32 can also be used to create a mesh network with R15/M15/E15 only when set up as master router.

EAGLE PRO AI SERIES

Holiday homes

Pop-up shops

Caravans and trailers

Fast, reliable Wi-Fi, wherever you are

Whether setting up Wi-Fi where there is slow or no fixed-line Internet, or wanting a super reliable connection with auto-failover, the 4G-enabled EAGLE PRO AI routers combine 4G+ download speeds of up to 300 Mbps with AI-powered Wi-Fi 6 to give you an incredible connection, wherever you are.

4G

CAT 6

Wi-Fi 6

	MODEL	G403	G415	G416
GENERAL	D-Link Wi-Fi Mesh		●	●
	Operational Modes	Router	Router	Router
WIRELESS	Wireless standard	Wi-Fi 4 Wireless N300	Wi-Fi 6 Wireless AX1500	Wi-Fi 6 Wireless AX1500
	Wireless speed	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz 1201 Mbps 5 GHz	300 Mbps 2.4 GHz 1201 Mbps 5 GHz
	Dual-band		●	●
	Smart steering (automatic selection of optimal Wi-Fi band)		●	●
	Multi-User MIMO (MU-MIMO) + OFDMA		●	●
	Wireless security	WPA2/WPA3	WPA2/WPA3	WPA2/WPA3
ADV.	Quick VPN		●	●
	Static routes	●	●	●
WIRE	LAN speed	Fast Ethernet	Gigabit Ethernet	Gigabit Ethernet
	Number of WAN ports / unit	1	1	1
	Number of LAN ports / unit	4	3	3
4G LTE	LTE category	Cat 4	Cat 4	Cat 6
	Maximum 4G LTE speed (downlod / upload)	150 / 50 Mbps	150 / 50 Mbps	300 / 50 Mbps
	SIM card slot	Unlocked mini SIM	Unlocked mini SIM	Unlocked mini SIM

AQUILAPRO AI

Wi-Fi **6**

Smart Wi-Fi, Smart Life

Experience the ultimate smart home networking solution with AQUILA PRO AI.

Ground-breaking industrial design combined with advanced AI-enabled capabilities to deliver whole home fast and reliable Wi-Fi.

AQUILA PRO AI App

Easy setup up and manage your home network with the AQUILA PRO AI App.

Let AI Assistant monitor network performance and Parental Controls to keep kids safe online.

	MODEL	M30	M30-2
GENERAL	Coverage area	Up to 260 m²	Up to 465 m²
	Number of units in pack	1	2
	D-Link Wi-Fi Mesh*	●	●
WIRELESS	Wireless standard	Wi-Fi 6 AX3000	Wi-Fi 6 AX3000
	Wireless speed	574 Mbps 2.4 GHz 2402 Mbps 5 GHz	574 Mbps 2.4 GHz 2402 Mbps 5 GHz
	Dual-band	●	●
	Smart Steering	●	●
	Smart Roaming	●	●
	Multi-User MIMO (MU-MIMO)	●	●
	Wireless Security	WPA2/WPA3	WPA2/WPA3
BACKHAUL	Dedicated Backhaul	● (Ethernet)	● (Ethernet)
	Backhaul technology	Gigabit Ethernet	Gigabit Ethernet
WIRE	LAN speed	Gigabit Ethernet	Gigabit Ethernet
	Number of WAN ports / unit	1	1
	Number of LAN ports / unit	4	4

Seamless Coverage
Say goodbye to weak signal and dead zones with superior mesh Wi-Fi network covering every corner of your space.

Ultra-Fast Speed
Wi-Fi 6 speeds of up to 3,000 Mbps. Enjoy true 8K streaming, buffer-free gaming and smooth video calls simultaneously.

Stable Connectivity
Experience reliable wireless connection everywhere in your home with our AI Wi-Fi, Mesh, Traffic optimiser technology.

Available in Q4, 2023.
* M30 can only create mesh network with other M30 units.

4G/5G Hotspot

Wi-Fi 6

5G

4G USB Adapter

Model	DWR-932	DWR-933	DWR-2101
Wireless standard	Wireless N300	Wireless AC1200	Wi-Fi 6 AX1800
Wireless speed	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	574 Mbps 2.4 GHz 1200 Mbps 5 GHz
Dual-band		•	•
MU-MIMO			•
Wi-Fi Antennas	Internal	Internal	Internal
4G/5G Antennas	Internal	Internal	Internal
Type of WAN	4G LTE Cat. 4 (D/L: 150 Mbps, U/L: 50 Mbps)	4G LTE Cat. 6 (D/L: 300 Mbps, U/L: 50 Mbps)	5G NR Sub 6 GHz: n1/3/20/28/78 (D/L: 1.6 Gbps, U/L: 80 Mbps)
Integrated SIM card slot	•	•	•
Wired LAN speed			Gigabit
Number of LAN ports			1
USB port	micro-USB x 1	micro-USB x 1	micro-USB x 1
microSD crd slot		•	•
Battery powered	•	•	•
Display		OLED	Colour LCD Touchscreen

Model	DWM-222
Connection type	4G LTE Cat. 4
Connection speed	D/L: 150 Mbps U/L: 50 Mbps
Antennas	Internal
Integrated SIM card slot	Yes
Interface type	USB 2.0

Fast, reliable Wi-Fi, wherever you go.

D-Link's range of Personal Wi-Fi Hotspots allows you to stay connected anywhere, anytime.

Harnessing the power of **mobile internet**, our portable Wi-Fi hotspots allow you to access lightning-fast mobile internet wherever you are. Share a single mobile internet connection with multiple devices, whether in a cafe with friends or at a business meeting with colleagues.

Modem Routers

Model	G403	DWR-953V2	DWR-960	DWR-978	G415	G416
Wireless standard	Wireless N300	Wireless AC1200	Wireless AC1200	Wave 2 Wireless AC2600	Wireless AX1500	Wireless AX1500
Wireless speed	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	800 Mbps 2.4 GHz 1732 Mbps 5 GHz	300 Mbps 2.4 GHz 1201 Mbps 5 GHz	300 Mbps 2.4 GHz 1201 Mbps 5 GHz
Dual-band		●	●	●	●	●
MIMO		●	●	● (MU-MIMO)	● (MU-MIMO)	● (MU-MIMO)
OFDMA					●	●
Wireless security	WPA2/WPA3	WPA/WPA2	WPA/WPA2	WPA/WPA2	WPA2/WPA3	WPA2/WPA3
Wi-Fi Antennas	Fixed external	Internal	Internal	Internal	Internal	Internal
4G/5G Antennas	Fixed external	Fixed external	Detachable external	Internal & detachable external	Detachable external	Detachable external
Type of WAN	Fast Ethernet, 4G LTE Cat. 4 (D/L: 150 Mbps, U/L: 50 Mbps)	Gigabit Ethernet, 4G LTE Cat. 4 (D/L: 150 Mbps, U/L: 50 Mbps)	Gigabit Ethernet, 4G LTE Cat. 7 (D/L: 300 Mbps, U/L: 100 Mbps)	Gigabit Ethernet, 5G NR Sub 6 GHz: n1/3/20/28/78 (D/L: 1.6 Gbps, U/L: 150 Mbps)	Gigabit Ethernet, 4G LTE Cat. 4 (D/L: 150 Mbps, U/L: 50 Mbps)	Gigabit Ethernet, 4G LTE Cat. 6 (D/L: 300 Mbps, U/L: 50 Mbps)
Integrated SIM card slot	●	●	●	●	●	●
Wired LAN speed	Fast Ethernet	Gigabit	Gigabit	Gigabit	Gigabit	Gigabit
Number of LAN ports	4	3 + 1 (WAN/LAN)	1 + 1 (WAN/LAN)	4	3	3
Quick VPN					●	●
Static routes	●				●	●
Fail-safe Internet	●	●	●	●	●	●
USB port				USB 2.0 x 1		

CONSUMER WIRELESS

Wi-Fi Extenders, Access Points, Hotspots

Model	DAP-1325*	DAP-1360	DAP-1610*	DAP-1620*	DAP-X1860*
Wireless standard	Wireless N300	Wireless N300	Wireless AC1200	Wave 2 Wireless AC1300	Wi-Fi 6 AX1800
Wireless speed	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	400 Mbps 2.4 GHz 867 Mbps 5 GHz	574 Mbps 2.4 GHz 1200 Mbps 5 GHz
Dual-band			•	•	•
D-Link Wi-Fi Mesh support					•
Operational modes	• Wi-Fi Extender • Wi-Fi client	• Access point • Wireless Bridge • Wireless Bridge with AP • Wi-Fi extender • Wi-Fi client	• Wi-Fi Extender • Wi-Fi client	• Wi-Fi Extender • Wi-Fi client	• Wi-Fi Extender • Wi-Fi client
WPA3 Wi-Fi encryption support					•
Antennas	External	External	Foldable external	Foldable external	Internal
Wired LAN speed	Fast Ethernet	Fast Ethernet	Fast Ethernet	Gigabit Ethernet	Gigabit Ethernet
Number of LAN ports	1	1	1	1	1

Powerline

Model	DHP-601AV*
Package includes	2 x Powerline adapters
Powerine standard	HomePlug AV2
Powerline speed	1000 Mbps
Powerline MIMO	•
Ethernet port	1 x Gigabit per adapter

3G / 4G LTE, Wi-Fi Adapters

Model	DWA-121	DWA-131	DWA-137	DWA-171	DWA-172	DWA-181	DWA-182	DWA-185	DWA-582	DWA-X1850	DWA-X582
Connection type	Wireless N150	Wireless N300	Wireless N300	Wave 2 Wireless AC600	Wireless AC600	Wave 2 Wireless AC1300	Wave 2 Wireless AC1300	Wave 2 Wireless AC1300	Wireless AC1200	Wi-Fi 6 AX1800	Wi-Fi 6 AX3000
Connection speed	150 Mbps 2.4 GHz	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz	150 Mbps 2.4 GHz 433 Mbps 5 GHz	150 Mbps 2.4 GHz 433 Mbps 5 GHz	400 Mbps 2.4 GHz 867 Mbps 5 GHz	400 Mbps 2.4 GHz 867 Mbps 5 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	600 Mbps 2.4 GHz 1200 Mbps 5 GHz	600 Mbps 2.4 GHz 2400 Mbps 5 GHz
Dual-band				Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Antennas	Internal	Internal	High-gain external	Internal	High-gain external	Internal	Internal	High-gain external	High-gain external	Internal	High-gain external
WPS one button connection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			
WPA support	WPA, WPA2 and WPA3	WPA, WPA2 and WPA3	WPA and WPA2	WPA, WPA2 and WPA3	WPA, WPA2 and WPA3	WPA, WPA2 and WPA3	WPA, WPA2 and WPA3	WPA, WPA2 and WPA3	WPA and WPA2	WPA2 and WPA3	WPA, WPA2 and WPA3
Interface type	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 3.0	USB 3.0	PCIe	USB 3.0	PCIe x1
Bluetooth											Bluetooth 5.0

* Not available for UK and Ireland

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