

D-Link[®]

PRODUCT GUIDE

NETWORK SWITCHES
CLOUD NETWORK SOLUTIONS
INDUSTRIAL ETHERNET
WIRELESS
SMART HOME SURVEILLANCE



WHY D-LINK?

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.



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SWITCHES



Keep your workflow running smoothly

If a switch fails, your business can experience any number of issues, from loss of connectivity for a group of users, to major disruption and downtime for the entire network. From the core of your network to its edge, D-Link's comprehensive selection of switches includes 10 Gigabit, Gigabit, Fast Ethernet and PoE that range from entry level to fully managed, more sophisticated solutions, including switches designed specifically for Metro Ethernet and datacentre applications.



Unmanaged Switches

No-brainer networking

Just plug it in, make your connections, and that's it. No configuration necessary.

- Simple to setup with plug 'n' play
- Optional PoE models

2.5G/10G Unmanaged



	2.5G / 10G			
	DMS-105	DMS-107	DMS-108	DMS-106XT
MODEL				
Number of 10/100/1000BASE-T ports		5		
Number of 10/100/1000/2.5GBASE-T ports	5	2	8	5
Number of 10/100/1000/2.5G/10GBASE-T ports				1
Switching capacity	25 Gbps	20 Gbps	40 Gbps	45 Gbps
Desktop	-	-	-	-
Wall-mountable	-	-	-	-
Metal enclosure	-	-	-	-
Fanless	-	-	-	-
MAC address		2K		4K
Jumbo frame	9216 Bytes	9216 Bytes	9216 Bytes	9228 Bytes
802.1p QoS		- (Gigabit port only)		-
Number of QoS queues	8	8	8	8
IGMP snooping	-	-	-	-
Cable diagnostics				
D-Link Green	-	-	-	-
802.3az EEE	-	-	-	-
Power supply type	External	External	External	External

GO Switch Unmanaged Low Cost



	Unmanaged GO-SW					
	GO-SW-5E	GO-SW-8E	GO-SW-5G	GO-SW-8G	GO-SW-16G	GO-SW-24G
MODEL						
Number of 10/100BASE-TX ports	5	8				
Number of 10/100/1000BASE-T ports			5	8	16	24
Switching capacity	1 Gbps	1.6 Gbps	10 Gbps	10 Gbps	32 Gbps	48 Gbps
Desktop	-	-	-	-	-	-
Wall-mountable	-	-	-	-	-	-
Metal enclosure	-	-	-	-	-	-
Fanless	-	-	-	-	-	-
MAC address	2K	2K	2K	4K	8K	8K
802.1p QoS						
Number of QoS queues			4	4	8	8
IGMP snooping	-	-	-	-	-	-
D-Link Green	-	-	-	-	-	-
802.3az EEE	-	-	-	-	-	-
Power supply type	External	External	External	External	External	External

*Not available for UK and Ireland

Independent switch reviews...
















Tolly Group has tested several of our smart managed and fully managed switches against well-known competitors, and the results are excellent. To find out more, visit <https://dlink.to/tolly-reports>.

Fast Ethernet Unmanaged

		Fast Ethernet							
									
MODEL		DES-1005D	DES-105	DES-1005P	DES-1008D	DES-108	DES-1008PA	DES-1016D	DES-1024D
Number of 10/100BASE-TX ports		5	5	5	8	8	8	16	24
Switching capacity		1 Gbps	1 Gbps	1 Gbps	1.6 Gbps	1.6 Gbps	1.6 Gbps	3.2 Gbps	4.8 Gbps
PoE standards				802.3af, 802.3at			802.3af		
PoE power budget				60 W			52 W		
PoE capable ports				Port 1-4, up to 30 W			Port 1-4, up to 15.4 W		
Desktop		-	-	-	-	-	-	-	-
Rackmountable		-	-	-	-	-	-	-	-
Metal enclosure		-	-	-	-	-	-	-	-
Fanless		-	-	-	-	-	-	-	-
MAC address		2K	2K	2K	1K	1K	1K	8K	8K
Jumbo frame			2047 Bytes - (Strict mode)				1536 Bytes - (Strict mode)	2000 Bytes	
802.1p QoS								2- (Strict mode)	- (Strict mode)
Number of QoS queues			2	4		2		4	4
D-Link Green		-	-	-	-	-	-	-	-
802.3az EEE		-	-	-	-	-	-	-	-
Power supply type		External	External	External	External	External	External	Internal	Internal

Gigabit Unmanaged

		Gigabit Ethernet												
														
MODEL		DGS-1005D	DGS-105GL	DGS-105	DGS-1005P	DGS-1008D	DGS-108GL	DGS-108	DGS-1008P	DGS-1008MP	DGS-1016D	DGS-1016S	DGS-1024D	DGS-1026MP
Number of 10/100/1000BASE-T ports		5	5	5	5	8	8	8	8	8	16	16	24	24
Number of Combo 10/100/1000BASE-T/SFP ports														2
Switching capacity		10 Gbps	10 Gbps	10 Gbps	10 Gbps	16 Gbps	16 Gbps	16 Gbps	16 Gbps	16 Gbps	32 Gbps	32 Gbps	48 Gbps	52 Gbps
PoE standards					802.3af, 802.3at				802.3af, 802.3at	802.3af, 802.3at				802.3af, 802.3at
PoE power budget					60 W				60 W	125 W				370 W
PoE capable ports					Ports 1-4, up to 30 W				Ports 1-4, up to 30 W	Ports 1-8, up to 30 W				Ports 1-24, up to 30 W
DIP switch (EEE/Flow Control/Port Isolation and Storm Control)											-			-
Desktop		-	-	-	-	-	-	-	-	-	-	-	-	-
Rackmountable		-	-	-	-	-	-	-	-	-	-	-	-	-
Metal enclosure		-	-	-	-	-	-	-	-	-	-	-	-	-
Fanless		-	-	-	-	-	-	-	-	-	-	-	-	2 x smart fan
MAC address		2K	2K	2K	2K	4K	4K	4K	4K	8K	8K	8K	8K	8K
Jumbo frame		9220 Bytes	9216 Bytes	9216 Bytes	9216 Bytes	9220 Bytes	9216 Bytes	9216 Bytes	9216 Bytes	9216 Bytes	10,000 Bytes	9,216 Bytes	10,000 Bytes	9600 Bytes
802.1p QoS		- (Strict mode)	- (Strict mode)	- (Strict mode)	- (Strict mode)	- (Strict mode)	- (Strict mode)	- (Strict mode)	- (Strict mode)	-				
Number of QoS queues		4	8	4	4	4	8	4	4		8	8	8	
IGMP snooping		-	-	-	-	-	-	-	-	-	-	-	-	-
Cable diagnostics		-	-	-	-	-	-	-	-	-	-	-	-	-
D-Link Green		-	-	-	-	-	-	-	-	-	-	-	-	-
802.3az EEE		-	-	-	-	-	-	-	-	-	-	-	-	-
Power supply type		External	External	External	External	External	External	External	External	Internal	Internal	External	Internal	Internal

SWITCHES

**Smart Switches**

They're called Smart for a reason

D-Link Smart Switches offer a robust set of Layer 2 and Layer 2+ features and are designed to support your company's most demanding applications. With port densities ranging from 8 to 52, speeds ranging from Fast Ethernet to 10 Gigabit, models with or without PoE, we have the right Smart Switch solution to keep your business running and your budget intact.

Smart switches are attractively priced, easy to set up and configure, and support an essential suite of L2/L2+ switching features. D-Link offers six families of Smart Switches to meet the networking needs of businesses of all sizes.

**What are the benefits of...****PoE Support?**

Power over Ethernet makes network device installation simpler, safer, and less expensive. Whether you're deploying a network of IP Cameras, Wireless APs, IP phones, or any other PoE device, D-Link PoE switches will provide the flexibility, simplicity, safety and cost savings you need for a successful installation.

10 Gigabit Connectivity?

10 Gigabit switches offer a low-cost solution to solve the demands for bandwidth. Not only is the cost of installation low, but the cost of network maintenance and management is minimal, since it can be performed by local network administrators. In addition to the cost-reduction benefit, 10 Gigabit Ethernet allows faster switching since it uses the same Ethernet format as slower switches, thus allowing seamless integration of LAN, MAN, and WAN.

Layer 2+ Support?

Layer 2+ support helps to reduce the pressure of routers and backbone networks through wired speed inter-VLAN routing, improving the overall network efficiency. Further optimisation of the network can be done through L2/L3/L4 Quality of Service (QoS) and Access Control Lists (ACL) to improve network performance as well as security.

Stacking?

Essentially, stacking enables multiple switches to be seen as a single switch for setup and admin purposes, but also provides more resiliency than uplinked switches. Centralised traffic-path selection mitigates STP issues between switches, and stacking also provides faster bandwidth between switches along with shared power between switches.

Gigabit Smart Managed



MODEL	DGS-1100-05V2	DGS-1100-05PDV2	DGS-1100-08V2	DGS-1100-08PV2	DGS-1100-10MPV2	DGS-1100-16V2	DGS-1100-24V2	DGS-1100-24PV2	DGS-1100-26MPV2
Number of 10/100/1000BASE-T ports	5	5	8	8	8	16	24	24	24
Number of Combo 10/100/1000BASE-T/SFP ports									2
Number of 100/1000 Mbps SFP ports					2				
Switching capacity	10 Gbps	10 Gbps	16 Gbps	16 Gbps	20 Gbps	32 Gbps	48 Gbps	48 Gbps	52 Gbps
PoE standards		802.3af		802.3af, 802.3at	802.3af, 802.3at			802.3af, 802.3at	802.3af, 802.3at
Powered by PoE		- (802.3af/at)							
PoE power budget		18W with 802.3af / 8W with 802.3af input power		64 W	130 W			100 W	170 W
PoE capable ports		Port 1-2, up to 15.4 W		Port 1-8, up to 30 W	Port 1-8, up to 30 W			Port 1-12, up to 30 W	Port 1-24, up to 30 W
Fanless	-	-	-	-	-	-	-	-	-
D-Link Green	-	-	-	-	-	-	-	-	-
802.3az EEE	-	-	-	-	-	-	-	-	-
Power supply type	External	PoE	External	External	Internal	Internal	Internal	Internal	Internal
MAC address	2K	2K	4K	4K	8K	8K	8K	8K	8K
802.1D STP, 802.1w RSTP, 802.1s MSTP									
802.3ad, 802.1AX link aggregation	Static trunk	Static trunk	Static trunk	Static trunk	-	-	-	-	802.3ad
VLAN groups max/static	32	32	32	32	128	128	128	128	128
Port/MAC/port-based VLAN QoS	Port	Port	Port	Port	Port	Port	Port	Port	Port
Asymmetric VLAN	-	-	-	-	-	-	-	-	-
Auto Voice Surveillance VLAN	-	-	-	-	-	-	-	-	-
IPv4/IPv6 routing table									
IP interfaces									
IPv6 support									
Routing table size									
Static route for IPv4/IPv6									
Number of queues per port	4	4	4	4	8	8	8	8	4
CoS based on queues									
Bandwidth control (min. granularity)	- (8 Kbps)	- (8 Kbps)	- (8 Kbps)	- (8 Kbps)	- (16 Kbps)	- (16 Kbps)	- (16 Kbps)	- (16 Kbps)	- (8 Kbps)
ACL (ingress/egress/VLAN-based)									
Based on packet contents									
SRL (VLAN/VLAN)									
Smart Binding									
Loopback Detection	-	-	-	-	-	-	-	-	-
ARP spoofing									
802.1X access control									
RADIUS server support									
SNMP (v1/v2c/v3) (MIB/v1)									
LLDP-MED									
ICMPv6									
Nuclis Connect					-	-	-	-	-

SWITCHES

Switches for Surveillance

D-Link's range of switches specifically designed and engineered for video surveillance offer both PoE and ONVIF support for the ultimate all-in-one solution

DGS-1210, DGS-1250 and DSS-200G Series

The DGS-1210, DGS-1250 and DSS-200G Series Gigabit Smart Managed Switches offer Surveillance Mode with ONVIF support specifically designed for Video IP Surveillance applications.

This allows it to recognise ONVIF devices and integrate seamlessly with your surveillance network. With the surveillance-optimised web interface, you can access real-time information on your surveillance network such as surveillance topology and device status, as well as PoE power and network bandwidth utilisation. Auto Surveillance VLAN (ASV) function ensures the quality of real-time video for monitoring and control without compromising the transmission of conventional network data.

The DSS-200G Series Gigabit PoE Smart Surveillance Switches comes with DIP switch that allows quick and easy access to settings such as QoS, Extend (up to 250 metres connection), Port Isolation, PD-Alive and STP (Spanning Tree Protocol). Selected models provide high-power PoE+, delivering up to 90 watts on selected ports for devices like video conferencing systems and displays.

Auto Surveillance function ensures the quality of real-time video for monitoring and control without compromise



Surveillance Switches



	MODEL	DSS-100E-9P	DSS-200G-10MP	DSS-200G-10MPP	DSS-200G-28MP	DSS-200G-28MPP
HARDWARE	Number of 10/100BASE-TX ports	8	8	8	24	24
	Number of 10/100/1000BASE-T ports	1	8	8	24	24
	Number of 100/1000 Mbps SFP ports	-	2	2	-	-
	Number of Combo 1000BASE-T/SFP ports	-	-	-	4	4
	Switching capacity	3.6 Gbps	20 Gbps	20 Gbps	56 Gbps	56 Gbps
	PoE standards	802.3af, 802.3at	802.3af, 802.3at	802.3af, 802.3at, 802.3bt	802.3af, 802.3at	802.3af, 802.3at, 802.3bt
	PoE power budget	92 W	150 W	242 W	370 W	517 W
	PoE capable ports	Ports 1-8, up to 30 W	Ports 1-8, up to 30 W	Ports 1-8, up to 90 W	Ports 1-24, up to 30 W	Ports 1-8, up to 90 W Ports 9-24, up to 30 W
	PoE usage indicator LED	-	-	-	-	-
	Extended PoE range	Up to 250 m*	Up to 250 m*	Up to 250 m*	Up to 250 m*	Up to 250 m*
	DIP switch modes	-	QoS, extend, isolate, PD-alive, STP	QoS, extend, isolate, PD-alive, STP	QoS, extend, isolate, PD-alive, STP	QoS, extend, isolate, PD-alive, STP
	6kV Surge protection	-	-	-	-	-
	Meta-Lock closure	-	-	-	-	-
	Fanless	-	-	-	-	-
Alarm port	-	-	-	-	-	
Power supply type	External	Internal	Internal	Internal	Internal	
L2	MAC address	2K	8K	8K	8K	8K
	802.1Q, STP, 802.1w, RSTP	-	-	-	-	-
	802.3ad link aggregation	-	-	-	-	-
	Ethernet ring protection switching (ERPS)	-	-	-	-	-
VLAN	VLAN group (max. static)	-	128	128	128	128
	Port-based VLAN, Asymmetric VLAN, Auto Voice/Surveillance VLAN	-	-	-	-	-
QoS	Number of queues per port	4	4	4	4	4
	Bandwidth control (min. granularity)	-	• (1.6 Kbps)	• (1.6 Kbps)	• (1.6 Kbps)	• (1.6 Kbps)
SURVEILLANCE MODE	Video Surveillance Mode	-	-	-	-	-
	ONVIF Device Discovery	-	-	-	-	-
	Video Surveillance Topology	-	-	-	-	-
	Video Surveillance Device Information	-	-	-	-	-

* The 250m long range mode is subject to cabling quality and/or IP camera's electrical design. Compatibility testing is recommended prior to use. If TP CAT 5e rated cables (or higher) are required.

SWITCHES



10 Gigabit Smart Managed



MODEL	DXS-1210-10TS	DXS-1210-12TC	DXS-1210-12SC	DXS-1210-16TC	DXS-1210-28T	DXS-1210-28S
Number of 100/1000/2.5G/5G/10GBASE-T ports	8	8		12		
Number of 10GBASE-T ports					24	4
Number of Combo 100/1000/2.5G/5G/10GBASE-T/SFP+ ports		2	2	2		
Number of 10G SFP+ ports	2	2	10	2		24
Number of 10G SFP+/25G SFP28 ports					4	
Switching capacity	200 Gbps	240 Gbps	240 Gbps	320 Gbps	680 Gbps	580 Gbps
Smart fan	2	2	2	2	2	2
D-Link Green	-	-	-	-	-	-
802.3az EEE	-	-	-	-	-	-
Power supply type	Internal	Internal	Internal	Internal	Internal	Internal
MAC address	32K	32K	32K	32K	32K	32K
802.1D STP, 802.1w RSTP, 802.1s MSTP	-	-	-	-	-	-
802.3ad link aggregation	-	-	-	-	-	-
VLAN group (max static)	4K	4K	4K	4K	4K	4K
Port / MAC / protocol-based VLAN, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port
Asymmetric VLAN	-	-	-	-	-	-
Auto Voice/Surveillance VLAN	-	-	-	-	-	-
IP interfaces	8	8	8	8	4	4
IPv6 support	-	-	-	-	-	-
Static route for IPv4/IPv6	64/64	64/64	64/64	64/64	128/64	128/64
Number of queues per port	8	8	8	8	8	8
CoS based on contents	-	-	-	-	-	-
Bandwidth control (min. granularity)	~ (64 Kbps)	~ (64 Kbps)	~ (64 Kbps)	~ (64 Kbps)	~ (64 Kbps)	~ (64 Kbps)
ACL (Ingress / Egress / VLAN based ACL)	- (VLAN)	- (VLAN)	- (VLAN)	- (VLAN)	- (VLAN)	-
Based on packet contents	-	-	-	-	-	-
SSH, SSL (v1/v2/v3)	-	-	-	-	-	-
IP, MAC port binding (MPB)	-	-	-	-	-	-
ARP spoofing	-	-	-	-	-	-
802.1X access control	-	-	-	-	-	-
RADIUS	-	-	-	-	-	-
SNMP (v1/v2c/v3), RMON v1	-	-	-	-	-	-
LLDP-MED	-	-	-	-	-	-
ICMPv6	-	-	-	-	-	-
Command Line Interface (CLI)	Full	Full	Full	Full	Full	Full
Console port	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45
Nuclias Connect	-	-	-	-	-	-

Beyond Gigabit Connectivity
Performance and speed

Business networks of all sizes are faced daily with an increasing amount of data that needs to be processed, stored, backed up and accessible. In many cases, Gigabit Ethernet just can't keep up anymore. With 10 Gigabit Ethernet pricing now more affordable than ever, IT managers are seizing the opportunity to upgrade their networks and keep pace with these growing bandwidth demands. Whether the needs are at the network edge, in the distribution layer, or the core, D-Link has the right solution for your network. From economical Smart Switches to feature-rich fully managed L2/L3 Aggregation Switches, our equipment can relieve your bandwidth bottlenecks and keep data traffic flowing at the fastest possible speeds.

SWITCHES

Multigigabit/Gigabit Layer 3 Managed with 10G Uplinks



MODEL	DGS-3130-30TS	DGS-3130-30PS	DGS-3130-30S	DGS-3130-54TS	DGS-3130-54PS	DGS-3130-54S	DMS-3130-30TS	DMS-3130-30PS
Number of 10/100/1000BASE-T ports	24	24	24	48	48	48	24	16
Number of Gigabit SFP ports								8
Number of 100/1000/2.5GBASE-T ports							2	2
Number of 100/1000/2.5G/5GBASE-T ports								
Number of 10GBASE-T ports	2	2	2	2	2	2		
Number of 10G SFP+ ports	4	4	4	4	4	4		
Number of 10G SFP+/25G SFP28 ports							4	4
Switching capacity	168 Gbps	168 Gbps	168 Gbps	216 Gbps	216 Gbps	216 Gbps	360 Gbps	400 Gbps
IEEE standards		802.3af, 802.3at			802.3af, 802.3at			802.3af, 802.3at, 802.3bt
PoE power budget		370 W (740 W with RPS)			370 W (740 W with RPS)			740 W (980 W with RPS)
PoE capable ports		Ports 1-24, up to 30 W (with Perpetual PoE / Fast PoE)			Ports 1-48, up to 30 W (with Perpetual PoE / Fast PoE)			Ports 1-16, up to 30 W Ports 17-24, up to 60 W
Power supply type	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
Physical stacking (device / mac bandwidth)	+ (9/80G)	+ (9/80G)	+ (9/80G)	+ (9/80G)	+ (9/80G)	+ (9/80G)	+ (9/200G)	+ (9/200G)
Virtual stacking (device)	- (32)	- (32)	- (32)	- (32)	- (32)	- (32)	- (32)	- (32)
MAC address	Up to 16K	Up to 16K	Up to 16K	Up to 16K	Up to 16K	Up to 16K	Up to 16K	Up to 32K
802.1D STP, 802.1w RSTP, 802.1s MSTP	-	-	-	-	-	-	-	-
Bidirectional protection switching (BPS)	-	-	-	-	-	-	-	-
802.3ad 802.1AX link aggregation	-	-	-	-	-	-	-	-
VLAN group (max static)	4K	4K	4K	4K	4K	4K	4K	4K
Port / MAC / protocol based VLAN, GVRP	-	-	-	-	-	-	-	-
Asymmetric, Private, ISM, Super, Voice VLAN	-	-	-	-	-	-	-	-
IPv4/IPv6 routing table	1024 / 512	1024 / 512	1024 / 512	1024 / 512	1024 / 512	1024 / 512	1024 / 512	1024 / 512
IPv4/IPv6 forwarding table	2048 / 1024	2048 / 1024	2048 / 1024	2048 / 1024	2048 / 1024	2048 / 1024	2048 / 1024	2048 / 1024
IP interfaces	16	16	16	16	16	16	128	128
IPv6 neighbour discovery (ND)	-	-	-	-	-	-	-	-
Static route for IPv4/IPv6	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256
VRP	-	-	-	-	-	-	-	-
Multicasting	-	-	-	-	-	-	-	-
RIP v1/v2, RIPvng, OSPFv2/v3	-	-	-	-	-	-	-	-
Number of queues per port	8	8	8	8	8	8	8	8
CoS based on contents	-	-	-	-	-	-	-	-
Bandwidth control (min. granularity)	+ (8Kbps)	+ (8Kbps)	+ (8Kbps)	+ (8Kbps)	+ (8Kbps)	+ (8Kbps)	+ (8Kbps)	+ (8Kbps)
Single/Two rate Three Colour Marker	-	-	-	-	-	-	-	-
ACL (Ingress / Egress / VLAN-based)	-	-	-	-	-	-	-	-
Based on packet contents	-	-	-	-	-	-	-	-
SSH, SSL (v1/v2/v3)	-	-	-	-	-	-	-	-
IP-MAC-port binding (MFB)	-	-	-	-	-	-	-	-
ARP spoofing, BPDU attack protection	-	-	-	-	-	-	-	-
802.1X access control, Microsoft NAP	-	-	-	-	-	-	-	-
RADIUS/TACACS+ authentication	-	-	-	-	-	-	-	-
SNMP (v1/v2/v3), RMON v1/v2, sFlow	-	-	-	-	-	-	-	-
LLDP-MED	-	-	-	-	-	-	-	-
802.3ah, 802.1ag, ITU-T Y.1731	-	-	-	-	-	-	-	-
Command Line Interface (CLI)	Full	Full	Full	Full	Full	Full	Full	Full
Out-of-Band Console/Management port	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45

*When stacking the DGS-3130-30TS/30PS models, the stacking cost is 1 per unit so the maximum units per stack is 9. When stacking the DGS-3130-54TS/54PS models, the stacking cost is 2 per unit so the maximum units per stack is 6. When stacking different models in the same stack, switches can be stacked up to a maximum of 12 stacking cost per stack. For example: 2 x DGS-3130-30TS (2 stacking cost) + 2 x DGS-3130-30S (2 stacking cost) + 4 x DGS-3130-54TS (8 stacking cost) consumes a total stacking cost of 12 (2+2+8).

SWITCHES

10/40/100G
Layer 3 Managed /
Data Center



MODEL	DXS-3400-24TC	DXS-3400-24SC	DXS-3610-54T/SI	DXS-3610-54S/SI
HARDWARE				
Number of 10GbASE-T ports	20	20	48	48
Number of Combo 10GbASE-T/SFP+ ports	4	4	-	-
Number of 10G SFP+ ports	-	20	-	48
Number of 40G QSFP+/100G QSFP28 ports	-	-	6	6
Switching capacity	480 Gbps	480 Gbps	2.16 Tbps	2.16 Tbps
Power supply redundancy	1+1	1+1	1+1	1+1
Physical stacking (device / max bandwidth)	• (4/80G)	• (4/80G)	• (12/1200G) / MLAG	• (12/1200G) / MLAG
Virtual stacking (device)	• (32)	• (32)	• (32)	• (32)
MAC address	48K	48K	Up to 288K	Up to 288K
L3				
802.1D STP/802.1w RSTP/802.1s MSTP	-	-	-	-
Ethernet ring protection switching (ERPS)	-	-	-	-
802.3ad, 802.1AX link aggregation	-	-	• (802.1AX only)	• (802.1AX only)
VLAN group (max static)	4K	4K	4K	4K
Port / MAC / protocol-based VLAN (MP)	-	-	-	-
Port-based selective double VLAN	-	-	-	-
RM, Super Voice VLAN	-	-	• (Super/BM VLAN)	• (Super/BM VLAN)
VXLAN	-	-	-	-
OS				
OpenFlow	-	-	v1.3	v1.3
DCB - 802.1Qbb, 802.1Qaz	-	-	• (802.1Qbb)	• (802.1Qbb)
IPv4/IPv6 routing table	4K / 1K	4K / 1K	32K / 16K	32K / 16K
IPv4/IPv6 forwarding table	32K / 16K	32K / 16K	144K / 72K	144K / 72K
IP interfaces	256	256	256	256
Static route for IPv4/IPv6	256 / 128	256 / 128	1K / 512	1K / 512
IPv6 tunneling	-	-	-	-
Multicast	-	-	• (E)	• (E)
PIM-DM/SM, DVM/RFV3	-	-	• (E)	• (E)
RIP v1/v2, RIPv6, MPLS, VPLS	-	-	• (MPLS, VPLS with /E)	• (MPLS, VPLS with /E)
OSPFv2/v3, BGP4/BGP4+	-	-	• (BGP4/BGP4+ with /E)	• (BGP4/BGP4+ with /E)
QoS				
Number of queues per port	8	8	8	8
CoS based on contents	-	-	-	-
Bandwidth control (min. granularity)	• (64Kbps)	• (64Kbps)	• (8Kbps)	• (8Kbps)
Single/two rate Three Color Marker	-	-	-	-
ACL				
ACL (Ingress / Egress / VLAN-based)	-	-	-	-
Based on packet contents	-	-	-	-
SSH, SSL, telnet/vb	-	-	-	-
IP-MAC port binding (MPF)	-	-	-	-
ARP spoofing, BPOU attack protection	-	-	-	-
802.1X access control, Microsoft NAP	-	-	-	-
RADIUS/TACACS+ authentication	-	-	-	-
Management				
SNMP v1/v2/v3, RMON v1/v2, sFlow	-	-	-	-
LLDP-MED	-	-	-	-
ICMPv6	-	-	-	-
802.3ah, 802.1ag, ITU-TY.1731	-	-	-	-
Command Line Interface (CLI)	Full	Full	Full	Full
Out-of-Band Console/Management port	RJ45	RJ45	RJ45	RJ45

Redundant Power Supplies

MODEL	DPS-500A	DPS-520	DPS-700	DPS-PWR740AC	DXS-PWR800AC	DXS-PWR700AC
Output Power	140 W	180 W	589 W	740 W	300 W	770 W
Input Power	90 to 264 V AC	90 to 264 V AC	90 to 264 V AC	90 to 264 V AC	85 to 264 V AC	90 to 264 V AC
Dimensions	172x257x43mm	195x257x52mm	441x139x44mm	185x735x40mm	275x79x40mm	322x55x40mm
Mounting Options	DPS-800	DPS-800	19in Rack, 1U	N/A	N/A	N/A

MODEL	DPS-800
Number of Redundant Power Supply Slots	2
Form Factor	19in Rack, 1.5U
Compatible with Redundant Power Supplies	DPS-200A, DPS-500A

COMPATIBLE SWITCHES	DPS-500A	DPS-520	DPS-700	DPS-PWR740AC	DXS-PWR800AC	DXS-PWR700AC
DGS-1510-S2KMP			•			
DGS-1520-28		•				
DGS-1520-28MP			•			
DGS-1520-52		•				
DGS-1520-52MP			•			
DGS-3130-30TS	•					
DGS-3130-30S	•					
DGS-3130-30PS	•		•			
DGS-3130-54TS	•					
DGS-3130-54PS	•		•			
DMS-3130-30TS	•					
DMS-3130-30PS	•					
DGS-3630-28SC	•					
DGS-3630-28TC	•					
DGS-3630-28PC	•					
DGS-3630-52TC	•					
DGS-3630-52PC	•					
DXS-3400-24TC					•	
DXS-3400-24SC					•	
DXS-3600-32S					•	
DXS-3610-54T						•
DXS-3610-54S						•

VPN ROUTERS / NMS

Unified Services VPN Router



MODEL	DSR-250V2	DSR-1000AC
Wireless standard		Wireless AC1750
Wireless speed		450 Mbps 2.4 GHz, 1300 Mbps 5 GHz
Dual-band		•
MIMO		•
Guest Wi-Fi network		•
Captive Portal		•
Wi-Fi Antennas		Detachable external
Type of WAN	1 x Gigabit Ethernet	2 x Gigabit Ethernet, 3G / 4G/LTE via USB dongle*
Number of LAN ports	3 + 1 (WAN/LAN) x Gigabit Ethernet	4 x Gigabit Ethernet
Console port	RJ-45	RJ-45
Fail-safe Internet	•	•
Outbound load balancing	•	•
USB port	USB 2.0 x 2	USB 2.0 x 2
USB file sharing	•	•
VPN protocols	IPSec, PPTP/L2TP, GRE, SSL, OpenVPN	
VPN encryption	DES, 3DES, AES, Blowfish, Twofish, CAST128	
VPN throughput	200 Mbps	250 Mbps
Firewall throughput	950 Mbps	950 Mbps
L3 routing	RIP v1/v2, OSPF, OSPFv3	
Authentication	Internal User Database, Radius, POP3, LDAP, AD, NT Domain	
Bandwidth control	•	•
Command line, SNMP	•	•

Power over Ethernet (PoE) Adapter / Extender

<p>DPE-101G 1-Port Gigabit PoE Injector</p> 	<p>Main Features</p> <ul style="list-style-type: none"> Use without a PoE switch Supply power to PoE devices <p>Physical Features</p> <ul style="list-style-type: none"> Maximum power input 48 V Gigabit speed Supports 802.3at/af, up to 15.4 W 	<p>DPE-301G Gigabit PoE+ Injector</p> 	<p>Main Features</p> <ul style="list-style-type: none"> Use without a PoE switch Supply power to PoE devices <p>Physical Features</p> <ul style="list-style-type: none"> Maximum power input 55 V Gigabit speed Supports 802.3at/af, up to 30 W
<p>DPE-301GS Gigabit PoE+ Splitter</p> 	<p>Main Features</p> <ul style="list-style-type: none"> Add PoE to non-PoE devices Works with PoE switch or injector <p>Physical Features</p> <ul style="list-style-type: none"> 5 V, 9V, or 12V DC output Gigabit speed Supports 802.3at/af, up to 30 W 	<p>DPE-302GE 2-Port Gigabit PoE Extender</p> 	<p>Main Features</p> <ul style="list-style-type: none"> Extends PoE connection up to 500 m* Multiple mounting options <p>Physical Features</p> <ul style="list-style-type: none"> 2 x Gigabit output ports Powered by PoE Supports 802.3at/af, up to 30 W

D-View 8



D-View 8 is a powerful and scalable network management software that offers end-to-end visibility and control of your business network infrastructure. The ability to categorise and manage D-Link and third-party devices provides a highly customisable and efficient solution you can manage from anywhere, anytime.

D-View 8 is available as Standard or Enterprise editions and can manage up to 5,000 devices for single or multiple organisations on multiple sites.

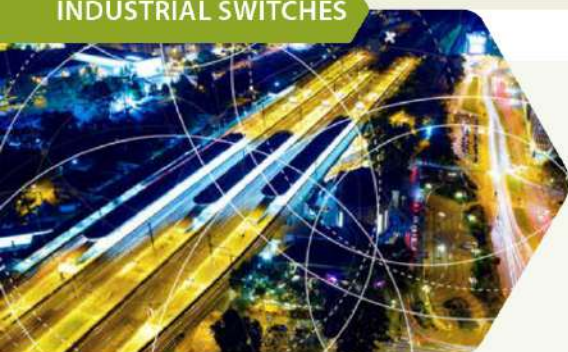


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INDUSTRIAL SWITCHES



Designed for a more connected future

1 Rugged, Hardened Design

Design to operate in wide temperature ranges, vibration, shock, allowing the switches to be deployed in enclosures or cabinets in outdoor locations

2 High Availability

Comprehensive network redundancy features with fast fault recovery, together with advanced security features provides industrial-grade reliability and protection

3 Flexible Options

Wide selection of port density, media and PoE provides customer with the flexibility to choose the right switch that best fits their requirement

Industrial Ethernet Switches

Rugged and reliable

D-Link's Industrial Ethernet Switches are designed specifically to withstand wide temperature range, vibrations and shock. These rugged, yet easy to deploy, switches have superior environmental specification compared to those of commercial network switches. With its hardened design combined with high availability network features, these switches form vital parts of any network infrastructure facilitating the increasing demand for smart cities, city-wide surveillance and wireless connectivity.



DIS-100E/100G Series Industrial Fast Ethernet / Gigabit Unmanaged Switches for edge deployment	DIS-200G Series Industrial Gigabit Smart Managed Switches for aggregation deployment	DIS-300G Series Industrial Gigabit Managed Switches for aggregation deployment	DIS-700G Series Industrial Layer 2+ Gigabit Managed Switch for core deployment
Plug and play; compact size	Cost-effective; compact size	High performance; compact size	High performance, dual redundant DC Input
-40 to 75° operating temperature	-40 to 65° operating temperature	-40 to 75° operating temperature	-40 to 75°C operating temperature
DIN-Rail mounting	DIN-Rail mounting	DIN-Rail mounting	Rack mounting
5-port	12-port	8/12/14-port	24-port SFP + 4-port SFP+
Redundant power inputs	Optional PoE 802.3af/at support	Optional PoE 802.3af/at support	Supports Intelligent Quality of Service (QoS)
Optional PoE 802.3af/at support (DIS-100G-5PSW)	VLAN support for added security	VLAN support for added security	Optimisation of network traffic

Industrial Gigabit Switches



	Unmanaged					Layer 2 Smart Managed		Layer 2 Managed			Layer 2+
MODEL	DS-100E-5W/8W	DS-100G-5W	DS-100G-5S/W	DS-100G-5PS/W	DS-100G-6S/10S	DS-200G-12S	DS-200G-12PS	DS-300G-12S/W	DS-300G-8P5W	DS-300G-14PS/W	DS-700G-28XS
Number of 10/100BASE-TX ports	5 / 8										
Number of 10/100/1000BASE-T ports		5	4	4	4 / 8	10	10	8	6	10	
Number of 100/1000 Mbps SFP ports			1	1	2	2	2	4	2	4	24
Number of 10G SFP+ ports											4
Port standards			802.3at, 802.3at			802.3at, 802.3at		802.3at, 802.3at	802.3at, 802.3at	802.3at, 802.3at	
Port power budget			120 W			240 W		120 W		240 W	
Port capable ports			Ports 1-4, up to 30 W			Ports 1-4, up to 30 W		Ports 1-4, up to 30 W	Ports 1, 2, up to 60 W	Ports 3, 6, up to 30 W	
Input voltage range	12-58 VDC	12-58 VDC	12-58 VDC	12-58 VDC, 54-58V for PoE+, 48-58V for PoE	12-48 VDC	12-48 VDC	48-58 VDC	12-58 VDC	48-58 VDC (54-58V VDC for PoE+)	48-58 VDC (54-58V VDC for PoE+)	Dual 20-58 VDC
Compatible power supplies	DS-H30-24, DS-H60-24, DS-N240-48, DS-N480-48	DS-H30-24, DS-H60-24, DS-N240-48, DS-N480-48	DS-H30-24, DS-H60-24, DS-N240-48, DS-N480-48	DS-H30-24, DS-H60-24, DS-N240-48, DS-N480-48	DS-H30-24, DS-H60-24, DS-N240-48, DS-N480-48	DS-H30-24, DS-H60-24, DS-N240-48, DS-N480-48	DS-H30-24, DS-H60-24, DS-N240-48, DS-N480-48	DS-H30-24, DS-H60-24, DS-N240-48, DS-N480-48	DS-N240-48, DS-N480-48	DS-N240-48, DS-N480-48	DS-H60-24
Redundant power input option	-	-	-	-	-	-	-	-	-	-	-
Mounting option	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	19" rack mount
Operating temperature range	-40° to 75°C	-40° to 75°C	-40° to 75°C	-40° to 75°C	0° to 65°C	0° to 65°C	-40° to 65°C	0° to +75°C	-40° to +75°C	-40° to +75°C	-40° to +75°C
Vibration, shock and freeze certification					Vibration: IEC60068-2-6; Shock: IEC60068-2-27; Free Fall: IEC60068-2-32						
NEMA/UL/EN50121-4 compliance											
EMC certification					FCC Part 15, ESD: IEC1000-4-2, Radiated RF (RS): IEC1000-4-3, EFT: IEC1000-4-4, Surge: IEC1000-4-5, Conducted RF (CS): IEC1000-4-6						
Ingress protection	IP30	IP30	IP30	IP30	IP40	IP30	IP30	IP30	IP30	IP30	IP30
NAC address	1K	2K	2K	2K	4K	8K	8K	8K	8K	8K	8K
802.1D STP/802.1w RSTP/802.1s MSTP											
Port failure protection (RFT)											
802.3ad, 802.1AX link aggregation						(ERP5, 50-200ms)	(ERP5, 50-200ms)	(<20ms)	(<20ms)	(<20ms)	(<20ms)
VLAN group maximum						128	128	256	1024	1024	2048
Port MAC (max) based VLAN, GVRP						Port-based, GVRP	Port-based, GVRP				
Port-based double VLAN											
Auto-SmartLink Voice VLAN											
Anti-loop protocol						IGMP v1/v2, IGMP snooping	IGMP v1/v2, IGMP snooping	IGMP v1/v2, IGMP snooping	IGMP v1/v2, IGMP snooping	IGMP v1/v2, IGMP snooping	IGMP v1/v2/v3, IGMP snooping
802.1p											Multi-layer ACL
Policy-based access control (PAC)											
Number of queues per port		4	4	4	8	4	4	8	8	8	8
Traffic shaper						Port-based	Port-based	Port-based	Port-based	Port-based	Port/queue-based shaping & scheduling
Traffic policer											TTCM
Multiple Broadcast Flooding Storm Control											
Access control						Web-based	Web-based	IP/MAC/policy-based	IP/MAC/policy-based	IP/MAC/policy-based	IP/MAC/policy-based
802.1X access control											
RADIUS/TACACS+ authentication						RADIUS only	RADIUS only				RADIUS only
SNMP (v1/v2/v3) RMON/v1						SNMP only	SNMP only				
Web-based management											
Command line interface (CLI)											
HTTP/SSH											
String											
Command Line Interface (CLI)						Full	Full	Full	Full	Full	Full
Console port						RJ45	RJ45	RJ45	RJ45	RJ45	RJ45



MODEL	DWM-312W/DWM-313 4G LTE M2M Router
Mobile networks	LTE Cat.4/LTE Cat.6/4G/LTE Cat.6/5E/4G/E
Maximum speed	150 Mbps down / 50 Mbps up (LTE)
Device interfaces	<ul style="list-style-type: none"> 1 x 10/100 Fast Ethernet WAN/LAN port 1 x 10/100 Fast Ethernet LAN port 1 x USB 2 x SMA (for cellular antennas) Real-time SW stats 99.99% uptime per year (MTBF > 170k only) 802.11n (2.4GHz)
WiFi	<ul style="list-style-type: none"> 802.11n (2.4GHz) 802.11n (5GHz) 802.11n (5GHz) Client-to-Client 802.11n Remote user the air (OTA) upgrade Web-based UI
Advanced features	<ul style="list-style-type: none"> 802.11n (5GHz) Client-to-Client 802.11n Remote user the air (OTA) upgrade Web-based UI
Power input	<ul style="list-style-type: none"> DC 5V 2A - 10V 1.7A (EN6132) DC 9V 1A - 5V 1.7A (EN6132)
Operating temp.	-20 to 70°C

MODEL	ACCESSORIES
DS-H30-24	30W 24VDC Ultra Slim DIN Rail PSU <ul style="list-style-type: none"> Input: 85 - 264VAC Output: 21.6 - 29VDC Din rail TS-35/7.5 or 15 mountable -30 - 70°C operating temperature
DS-H60-24	60W 24VDC Ultra Slim DIN Rail PSU <ul style="list-style-type: none"> Input: 85 - 264VAC Output: 21.6 - 29VDC Din rail TS-35/7.5 or 15 mountable -30 - 70°C operating temperature
DS-N240-48	240W 48VDC DIN Rail PSU <ul style="list-style-type: none"> Input: 90 - 264VAC Output: 48 - 55V DC Din rail TS-35/7.5 or 15 mountable -20 - 70°C operating temperature
DS-N480-48	480W 48VDC DIN Rail PSU <ul style="list-style-type: none"> Input: 90 - 264VAC Output: 48 - 55V DC Din rail TS-35/7.5 or 15 mountable -20 - 70°C operating temperature
DS-GM SX	1-port Mini-Gbic SFP to 1000BaseSX Multi-Mode Fibre Transceiver <ul style="list-style-type: none"> up to 550 m -40 - 85°C operating temperature
DS-S302SX	1-port Mini-Gbic SFP to 1000BaseSX Multi-Mode Fibre Transceiver <ul style="list-style-type: none"> up to 2 km -40 - 85°C operating temperature
DS-S101SX	1-port Mini-Gbic SFP to 1000BaseX Single Mode Fibre Transceiver <ul style="list-style-type: none"> up to 10 km -40 - 85°C operating temperature
DS-M000-SM	Industrial 10/100/1000Base-T to SFP Media Converter <ul style="list-style-type: none"> IP30-rated housing -40 - 70°C operating temperature

* Available in UK only

SWITCH ACCESSORIES

SFP/SFP+ Transceivers

Fast Ethernet SFP Transceivers



MODEL	DEM-211
Standard	IEEE 802.3u 100BASE-FX
Connector	Duplex LC
Cable Type (Maximum Distance)	Single-Mode
	Multi-Mode
Wavelength	1310 nm
Power	3.3V
Hot-Pluggable	-

Gigabit Ethernet SFP Transceivers



MODEL	DEM-312	DEM-310G1	DEM-311G1	DEM-312G2
Standard	IEEE 802.3ab 1000BASE-T	IEEE 802.3z 1000BASE-LX	IEEE 802.3z 1000BASE-SX	IEEE 802.3z 1000BASE-SX
Connector	RJ45	Duplex LC	Duplex LC	Duplex LC
Cable Type (Maximum Distance)	Single-Mode	9/125 µm fibre (10km)		
	Multi-Mode		50/125 µm fibre (620m) 62.5/125 µm fibre (220m)	62.5/125 µm fibre (1km) 50/125 µm fibre (2km)
Wavelength		1310 nm	850 nm	1310 nm
Power	3.3V	3.3V	3.3V	3.3V
Hot-Pluggable	-	-	-	-

10//25//40 Gigabit Ethernet SFP+/SFP28/QSFP+ Transceivers



MODEL	DEM-410T	DEM-431KT	DEM-412KT	DEM-52401SR	DEM-52401LR	DEM-6K1012-SR4	DEM-6K1012-LR4
Standard	IEEE 802.3am 10GbBase-T	IEEE 802.3ae 10GbBase-SR	IEEE 802.3ae 10GbBase-LR	IEEE 802.3by 25GbBase-SR	IEEE 802.3cc 25GbBase-LR	40GbBase-SR4	40GbBase-LR4
Connector	RJ45	Duplex LC	Duplex LC	Duplex LC	Duplex LC	MPO	Duplex LC
Cable Type (Maximum Distance)	Single-Mode		9/125 µm fibre (10 km)		9/125 µm fibre (10 km)		9/125 µm fibre (10 km)
	Multi-Mode		50/125 µm fibre (OM2 -82m, OM3-300m, 62.5/125 µm fibre (OM3-13m)		50/125 µm (OM3-70m, OM4-100m)		50/125 µm fibre Single 1x12 MPO receptacle (female) OM3 MMF-100 m, OM4 MMF-130 m
Wavelength		850nm	1310 nm	850 nm	1310 nm	850 nm	1310 nm
Power	3.3V	3.3V	3.3V	3.3V	3.3V	3.3V	3.3V
Hot-Pluggable	-	-	-	-	-	-	-

Switch Cables



MODEL	DEM-DB100S-P00S	DEM-DB300QS	DEM-DB100QS-4RS	DEM-DB100Q28
Cable Series Type	SFP+ Direct Attach	QSFP+ Direct Attach	QSFP+ Direct Attach	QSFP28 Direct Attach
Standard	SFP MSA	SFP MSA	SFP MSA	SFP MSA
Device Rate	10Gbps	40 Gbps	40 Gbps	100 Gbps
Connector Type	SFP+ Cable Assembly	QSFP+ Cable Assembly	QSFP+ to four 10G SFP+ Cable Assembly	QSFP28 to QSFP28 Cable Assembly
Wire AWG	30	30	30	30
Minimum Cable Bend Radius	23.5 mm	32 mm	23 mm	34.5 mm
Cable Length	100/300 cm	300 cm	100 cm	100 cm
Voltage	10V AC	30 V AC	30 V AC	30 V AC
Current	0.5 A	0.5 A	0.5 A	0.5 A
Operating Temperature	-40°C to 85°C	-40°C to 85°C	-40°C to 75°C	-40°C to 75°C
Connectivity	Recommended for use only with D-Link Switching Products	Recommended for use only with D-Link Switching Products	Recommended for use only with D-Link Switching Products	Physical Shielding Cable for DCS-3610 Series

Media Converters



MEDIA CONVERTERS	DMC-300SC	DMC-810SC	DMC-601LC	DIS-M100G-SW
Standard	10/100BASE-TX 100BASE-FX	1000BASE-T 1000BASE-LX	10/100/1000BASE-T SFP	1000BASE-T SFP
Connectors	SC / RJ45	SC / RJ45	SFP / RJ45	SFP / RJ45
Data Rate	100Mbps	1 Gbps	10/100/1000 Mbps	1 Gbps
Fibre Type	Multi-Mode	Single-Mode	Dependent of SFP	Dependent of SFP
Maximum Distance	2 km	Up to 20 km	Dependent of SFP	Dependent of SFP
Operating Temperature	0 - 40 °C	0 - 40 °C	0 - 40 °C	-40 - 70 °C
IP Rating	N/A	N/A	N/A	IP30

* With multiple units

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 (DL: 4 Gbps, UL: 620 Mbps)	Gigabit Ethernet, 5G NR Sub 6 GHz: n1/3/20/28/78 (DL: 1.6 Gbps, UL: 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



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.



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



Customisable



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 detachable
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
VPAs 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	-(802.3af)	-(802.3af)
Wired interface	1 x Gigabit Ethernet	1 x 2.5G Ethernet, 1 x Gigabit Ethernet
Type of Housing	Plastic	Plastic
VPAs 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
DES/AES	450 Mbps
SSL VPN	200 Mbps
Maximum concurrent sessions	200,000
Maximum PoE (PoE, 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
Number of Gigabit ports	8	8	24	24	24	48	48
Number of Control BASE T5FP 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	-	-	-	-	-	-	-
802.3af EEE	-	-	-	-	-	-	-
Power supply type	Internal	Internal	Internal	Internal	Internal	Internal	Internal
MAC address	8K	8K	8K	8K	8K	16K	16K
802.1D STP, 802.1w RSTP	-	-	-	-	-	-	-
802.3ad link aggregation	-	-	-	-	-	-	-
VLAN group (max static)	256	256	256	256	256	256	256
Port-based VLAN, Voice VLAN	-	-	-	-	-	-	-
SSL	-	-	-	-	-	-	-
ACL	-	-	-	-	-	-	-
Port security	-	-	-	-	-	-	-



BUSINESS WIRELESS



Managed 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.

	Nuclias Cloud	Nuclias Connect	Nuclias Connect Hub (NH-100)	DWC-1000 (H/W vers. C1)	DWC-2000
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-X1220P, 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-6620AP, DWL-7620AP, DWL-8620AP, DWL-8620APE, DWL-8720AP, DWL-X8630AP	
Supported switches	DBS-2000-10MP, DBS-2000-28, DBS-2000-28MP, 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 Grand Po			
Supported gateway	DBG-2000				
Zero touch provisioning for AP deployment	-	-	-	-	-
AP geolocation	- (with Google Maps)	-	-	-	-
Controller redundancy	-	-	-	-	-
Advanced traffic report and data analysis	-	-	-	-	-
Visualized topology	-	-	-	-	-
WAI pass-through (AP)	-	-	-	-	-
Multi-tenancy	-	-	-	-	-
WIDS	-	-	-	-	-
IPv6	-	-	-	-	-
Captive portal	-	-	-	-	-
Authentication method	802.1x, RADIUS, Local DB, Facebook, Google login, external RADIUS, LDAP, AD Local DB, Twitree 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 (if apply, WorldPay, SecurePay, Authorize.Net)	-	-	-	-	-
Web redirect	-	-	-	-	-
Auto transmit power control	-	-	-	-	-
Self-healing around failed APs	-	-	-	-	-
Multiple SSID per Radio (AP)	8	8	8	16	16
Band steering	-	-	-	-	-
Bandwidth steering	-	-	-	-	-
QoS mapping	-	-	-	-	-
Bandwidth optimization	-	-	-	- (QoS)	- (QoS)
Load balancing	-	-	-	-	-
Web-based user interface	HTTPS	HTTPS	HTTPS	HTTPS	HTTPS
Firmware/module online check	-	-	-	-	-
Remote management	-	-	-	-	-
Cloud hosting	Native	AWS / Azure	AWS / Azure	-	-
Removable configuration upgrade by scheduling	-	-	-	-	-
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	-	-	-	-	-
Optional license upgrade				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.

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



Protect Your Home with Smart AI-Based Detection



Person Detection



Multi-zone Motion Detection



Boundary-crossing Detection



Priority Zone



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.



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.

* Please visit www.dlink.com for more information on mydlink products that support Smart Home functionality.



MODEL	DCS-8000LHV3	DCS-8300LHV2	DCS-8350LH*	DCS-8620LH*	DCS-8635LH
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 2 m)	• (Up to 5 m)	• (Up to 7 m)	• (Up to 7 m)	• (Up to 7 m)
Field Of View (HxVxD)	100° / 58.5° / 120°	100° / 53° / 120°	108° / 58° / 122°	108° / 58° / 122°	105.4° / 56.4° / 125°
MicroSD Pan/Tilt					• (pan only)
Par Range					-135° to +135°
Facial Recognition					•
Active Motion Tracking					•
Preprogrammed 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
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 Tether	•	•	•	•	•
ONVIF Support	•	•	•	•	•

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



EAGLE PRO AI SERIES



EAGLE PRO AI

Imagine Wi-Fi so clever that it adapts continuously to its surroundings and how you use your Wi-Fi, 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.



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



AI Parental Controls

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



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





One Connection - Infinite Possibilities



MODEL		R15	R32	E15	M15-2 / M15-3	M32-2 / M32-3
GENERAL	Coverage area	Up to 230 m ²	Up to 230 m ²	Up to 230 m ²	Up to 370 m ² / 500 m ²	Up to 510 m ² / 740 m ²
	Number of units in pack	1	1	1	2 / 3	2 / 3
	D-Link Wi-Fi Mesh*	●	●	●	●	●
	Operational Modes	Router/Extender/Bridge	Router/Extender/Bridge	Extender	Router/Extender/Bridge	Router/Extender/Bridge
WIRELESS	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	QuickVPN	●	●		●	●
	Static routes	●	●		●	●
WIRED	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



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.



	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) + QFDMA		●	●
	Wireless security	WPA2/WPA3	WPA2/WPA3	WPA2/WPA3
ADV.	QuickVPN		●	●
	Static routes	●	●	●
WIRED	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 (download / upload)	150 / 50 Mbps	150 / 50 Mbps	300 / 50 Mbps
	SIM card slot	Unlocked mini SIM	Unlocked mini SIM	Unlocked mini SIM

AQUILA PRO AI SERIES



Smart Wi-Fi, Smart Life

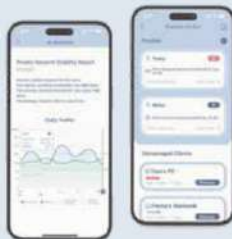
Experience the ultimate smart home networking solution with AQUILA PRO AI.

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.



AQUILA PRO AI



MODEL	M30	M30-2	
GENERAL	Coverage area	Up to 260 m ²	Up to 465 m ²
	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)	•	•
WIRE	Wireless Security	WPA2/WPA3	WPA2/WPA3
	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.

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

CONSUMER WIRELESS



4G/5G Hotspot



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: 80Mbps)
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 card 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	<ul style="list-style-type: none"> • Wi-Fi Extender • Wi-Fi client 	<ul style="list-style-type: none"> • Access point • Wireless Bridge • Wireless Bridge with AP • Wi-Fi extender • Wi-Fi client 	<ul style="list-style-type: none"> • Wi-Fi Extender • Wi-Fi client 	<ul style="list-style-type: none"> • Wi-Fi Extender • Wi-Fi client 	<ul style="list-style-type: none"> • 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
Powerline 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	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

USB-C



One Port, Many Possibilities

D-Link's range of USB-C hubs and adapters allow you to instantly add additional connections to your computers and ultra-portable laptops. Simply connect to an available USB Type-C or Thunderbolt 3 port and enjoy additional ports, wired connectivity and video output in seconds. The compact designs means that you can easily slip into your pocket or laptop bag and take it with you.



Model	DUB-E130	DUB-E250	DUB-H410	DUB-M420	DUB-M520	DUB-M530	DUB-M610	DUB-M810	DUB-V310
Number of ports	1	1	4	4	5	5	6	8	3
USB 3.0			4	2	2	2	2	3	
USB-C with power			1 (up to 60W)		1 (up to 60W)		1 (up to 100W)		1 (up to 100W)
Gigabit Ethernet	1				1			1	
2.5 Gigabit Ethernet		1							
Display output				HDMI x 1	HDMI x 1	HDMI x 1	HDMI x 1	HDMI x 1	HDMI x 1, DP x 1, VGA x 1
Maximum Resolution				Up to 4K	Up to 4K	Up to 4K	Up to 4K	Up to 4K	Up to 4K ¹
Card reader						SD x 1 microSD x 1	SD x 1 microSD x 1	SD x 1 microSD x 1	
Compatible with	Computer with USB-C or Thunderbolt 3 port(s) running Microsoft Windows, Mac OS or Chrome OS Smartphones with USB-C port running Android OS ²								



Model	DUB-2315	DUB-2325	DUB-2327	DUB-2332	DUB-2333	DUB-2334	DUB-2335	DUB-2340
Number of ports	1	5	6	4	5	5	6	5
Includes USB-A to USB-C adapter	•			•				
USB 3.0		2	2	3	3	3	3	3
Quick Charge USB 3.0								1
USB-C with power		1 (no power)	1 (up to 60W)		1 (up to 60W)	1 (up to 60W)	1 (up to 100W)	1 (up to 60W)
Gigabit Ethernet				1		1	1	
2.5 Gigabit Ethernet	1							
Display output			HDMI x 1		HDMI x 1		HDMI x 1	
Maximum Resolution			Up to 4K		Up to 4K		Up to 4K	
Card reader		SD x 1 microSD x 1	SD x 1 microSD x 1					
Compatible with	Computer with USB-C or Thunderbolt 3 port(s) running Microsoft Windows, Mac OS or Chrome OS Smartphones with USB-C port running Android OS ²							

¹ Up to 4K (HDMI/DP), up to 1080p (VGA)
² Video output works with smartphones supporting DisplayPort Alternate Mode. Card reader and USB drive access function compatible with smartphones supporting USB On-The-Go (OTG).

WARRANTY



D-Link is dedicated to setting new standards with our industry-leading business-class networking, wireless, and surveillance products. In fact, we're so confident in the reliability of our products, we offer warranties that truly demonstrate our commitment – giving you full assurance that we stand behind every product, every time.

Your network is the backbone of your business. Keeping it running is essential, even if the unexpected happens. D-Link Assist is a rapid-response technical support service that replaces faulty equipment quickly and efficiently. Maximising your uptime and giving you the confidence that instant support is only a phone call away.



Limited Lifetime Warranty

The Limited Lifetime Warranty on our business class switching and wireless products reflects our commitment to provide even more quality, performance and value. These include:

- Smart Switches (including integrated fans and power supplies)
- Managed Switches (including integrated fans and power supplies but excluding modules and external power supplies)
- Nuclias Cloud and Nuclias Connect products
- Business Wireless Products and Unified Service routers (excluding external power supplies, excludes SoHo Access Points)

Register your eligible D-Link product within 30 days of purchase to qualify for the Limited Lifetime Warranty.

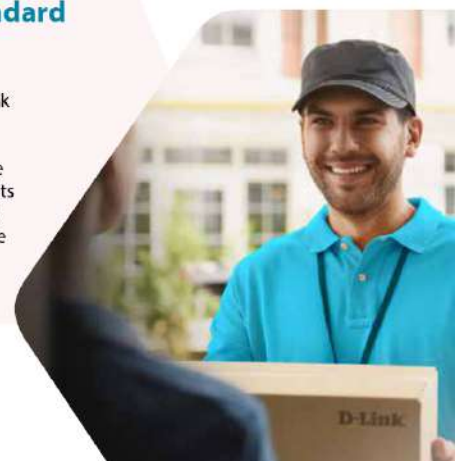
Register at <https://dlink.to/productregister>



Complimentary Next Business Day Service, as Standard

All D-Link products with 5-year or Limited Lifetime warranty come with complimentary Next Business Day Service. D-Link will send out a replacement product to you on the next business day after acceptance of a product failure. On receipt of the replacement product, you simply arrange the return of the defective product to us. Any products with a 2-year/3-year warranty can also benefit from the Next Business Day advance replacement service when the optional 3-year warranty extension has been purchased.

For more information please refer to eu.dlink.com/warranty



PARTNER PROGRAMME



D-Link's success as a provider of network solutions has been built on its relationship and unrivalled commitment to its partners. Our **Value In Partnership+ Programme** not only builds on these relationships but also takes them to the next level by offering networking solutions, training and processes that increase your ability to be profitable with us, grow and diversify your business and provide excellent value to your customers.

Partner Benefits Summary*

	H IRIDIUM+ D-Link	H BRONZE D-Link	H SILVER D-Link	H GOLD D-Link
Access to online D-Link Partner Portal	Yes	Yes	Yes	Yes
VIP+ Newsletter	Yes	Yes	Yes	Yes
Free Online Certification Training and Resources	Yes	Yes	Yes	Yes
Webinars and Workshops	Yes	Yes	Yes	Yes
Online Product Tools	Yes	Yes	Yes	Yes
Sales Support Material	Yes	Yes	Yes	Yes
Exclusive Monthly Promotions	Yes	Yes	Yes	Yes
Deal Registration		Yes	Yes	Yes
Eligible for the Demo Purchase Programme		Yes	Yes	Yes
Priority Tech Support		Yes	Yes	Yes
Campaigns Centre for Lead Generation			Yes	Yes
Dedicated Account Management			Yes	Yes
Eligible for Sales Leads			Yes	Yes
Presence on D-Link Website (Where to Buy Section)			Yes	Yes
Invitation to Partner Roundtables				Yes

* Benefits could vary according to the country, please contact your local D-Link representative for more information.

Visit vipplus.dlink.com to join today!

Certification and Training

The D-Link Certification Programme is a **free online, on-demand** training programme that provides sales and technical coursework and exams focused on specific technologies: Wireless, Storage, Security, Switching and IP Surveillance. It's an opportunity for individuals in your organisation to become **D-Link Specialists**.



Designed for **sales professionals**, DSS courses focus on D-Link's market strategy; value proposition, product positioning, identifying opportunities and understanding customer needs.



Designed for **pre-sales technical professionals** to ensure that they are knowledgeable about networking concepts and the features, functionality and positioning of D-Link products.

Tools

Available only to our registered partners these system design and product selector tools will help you create and simulate the right network solutions pre-sale.



Product Selector Pro

A straight-forward tool which allows you to select and compare D-Link products, making it easy for our Partners to know which products to use when setting up or upgrading a network or adding functionality.



Wi-Fi Planner Pro

A Useful tool with an intelligent algorithm that provides a visual representation of RF signals for all of D-Link's wireless network products that simulates the Wi-Fi environment prior to actual deployment.

VIP+ App

Make the most out of VIP+ on-the-go, register deals, purchase demo products and access the most popular network planning tools, straight from your mobile device, as well as receive the latest news and promotions.



D-Link®

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We have used all reasonable endeavours to ensure that the data within this Product Guide is accurate at the time of going to press and to correct any errors or omissions as soon as practicable after being notified of them. Guide specifications are subject to change without notice.

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