



PRODUCT GUIDE

SWITCHES

WIRELESS

VIDEO SURVEILLANCE

SMART HOME



WHY D-LINK?

Why D-Link?

D-Link has been the digital 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 are reflective of the needs and demands of real people in the real world, whether at work or at home.

With over 30 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 while they sleep, 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 Wave2 Wireless router, a state-of-the-art network camera, smart plug, Wi-Fi range extender or a 4G dongle, 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, surveillance and 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.



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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



Smart Managed Switches

Essential features with affordability

D-Link Smart Switches offer a robust set of Layer 2 and Layer 2+ features designed to support the most demanding applications.

- Extensive range to meet the networking needs of businesses of all sizes
- Optional PoE models that support PoE/PoE+ with high PoE power budgets
- Optional models with 10 Gigabit uplinks and high availability support with physical stacking
- L2/L2+ features help to optimise and improve network efficiency



Managed Switches

Seamless connections for demanding uses

Designed for network applications requiring the highest availability and reliability.

- High-performance L3 switches
- 10 Gigabit uplinks and up to 80 Gigabit high-bandwidth stacking
- Optional Enhanced and MPLS images to add advanced VLAN and L3 routing as well as MPLS protocols support
- Comprehensive management and security features

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/tollyreport>.

SWITCHES

Fast Ethernet Unmanaged

Fast Ethernet



MODEL	DES-1005D	DES-105	DES-1005P	DES-1008D	DES-108	DES-1008PA	DES-1016D	DES-1018MP	DES-1024D
Number of Fast Ethernet ports	5	5	5	8	8	8	16	16	24
Number of Gigabit ports								2	
Switching capacity	1 Gbps	1 Gbps	1 Gbps	1.6 Gbps	1.6 Gbps	1.6 Gbps	3.2 Gbps	1.6 Gbps	4.8 Gbps
PoE standards			802.3af, 802.3at			802.3af		802.3af	
PoE power budget			60 W			52 W		246.4 W	
PoE capable ports			Port 1-4, up to 30 W			Port 1-4, up to 15.4 W		Port 1-16, up to 15.4 W	
Desktop	•	•	•	•	•	•	•	•	•
Rackmountable							•	•	•
Metal enclosure		•	•		•	•	•	•	•
Fanless	•	•	•	•	•	•	•	•	•
MAC address	2K	2K	2K	1K	1K	1K	8K	8K	8K
Jumbo frame		2047 Bytes			1536 Bytes		2000 Bytes		
802.1p QoS		• (Strict mode)	• (Strict mode)		• (Strict mode)		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	Internal

Gigabit Unmanaged

Gigabit Ethernet



MODEL	DGS-1005D	DGS-105	DGS-1005P	DGS-1008D	DGS-108	DGS-1008P	DGS-1008MP	DGS-1016D	DGS-1024D	DGS-1026MP
Number of Gigabit ports	5	5	5	8	8	8	8	16	24	24
Number of Combo 1000BASE-T/SFP ports										2
Switching capacity	10 Gbps	10 Gbps	10 Gbps	16 Gbps	16 Gbps	16 Gbps	16 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			68 W	140 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 (Energy-Efficient Ethernet (EEE)/Flow Control/Port Isolation and Storm Control)								•	•	
Desktop	•	•	•	•	•	•	•	•	•	•
Rackmountable							•	•	•	•
Metal enclosure		•	•		•	•	•	•	•	•
Fanless	•	•	•	•	•	•	•	•	•	2 x smart fan
MAC address	8K	2K	2K	4K	8K	4K	8K	8K	8K	8K
Jumbo frame	9720 Bytes	9216 Bytes	9216 Bytes	9720 Bytes	9216 Bytes	9720 Bytes	9216 Bytes	10,000 Bytes	10,000 Bytes	9600 Bytes
802.1p QoS	• (Strict mode)	• (Strict mode)	• (Strict mode)	• (Strict mode)	• (Strict mode)	• (Strict mode)	•	•	•	
Number of QoS queues	4	4	4	4	4	4		8	8	
IGMP snooping		•			•					
Cable diagnostics	•	•	•	•	•	•	•	•	•	•
D-Link Green	•	•	•	•	•	•	•	•	•	•
802.3az EEE	•	•	•	•	•	•	•	•	•	•
Power supply type	External	External	External	External	External	External	Internal	Internal	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 the cost of installation is low, but the cost of network maintenance and management is minimal as well, 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 set-up 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/10 Gigabit
Smart Managed
with 10G Uplinks

10 Gigabit Ethernet

[illegible]

SWITCHES



10 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.

Copper or Fibre, for Uplink or Stacking

10Gbps Ethernet is no longer restricted to fibre optic media only. Recent advancements in chip design have made 10GBASE-T (10Gbps over copper) more economical and easier to deploy than ever before. Direct Attach Copper (DAC) is also a popular choice, especially for shorter distance, latency-sensitive applications.

Media	Type	Distance	Switch Interface	Typical Latency	Typical Application
Copper	DAC (Twinax)	Up to 7m	SFP+	Better	Server/Rack
	CAT-6	~30m	RJ-45	Good	SMB Aggregation Switching
	CAT-6a	Up to 100m			
	CAT-7				
Fibre	MMF	Up to 400m	SFP+	Best	Campus Network
	SMF	10km+			

What's 10 Gigabit Ethernet good for?

1 Edge Switch

Small office network running specialised applications

2 Distribution Switch

Small/medium office network

3 Aggregation Switch

Enterprise/campus network

4 Core Switch

Medium business/small enterprise office network

5 Top-of-Rack Switch – small office

Small office server closet

6 Top-of-Rack Switch

Enterprise/campus data center

SWITCHES

Gigabit
Layer 2
Managed

Gigabit Ethernet



	MODEL	DGS-3000-28LP	DGS-3000-28X	DGS-3000-28XMP	DGS-3000-52X
HARDWARE	Number of Gigabit ports	24	24	24	48
	Number of SFP ports	4			
	Number of 10G SFP+ ports		4	4	4
	Switching capacity	56 Gbps	128 Gbps	128 Gbps	174 Gbps
	PoE standards	802.3af, 802.3at		802.3af, 802.3at	
	PoE power budget	193 W		370 W	
	PoE capable ports	Ports 1-24, up to 30 W		Ports 1-24, up to 30 W	
	Power supply type	Internal	Internal	Internal	Internal
	Physical stacking (device / max bandwidth)				
	Virtual stacking (device)	• (32)	• (32)	• (32)	• (32)
L2	MAC address	16K	16K	16K	16K
	802.1D STP, 802.1w RSTP, 802.1s MSTP	•	•	•	•
	Ethernet ring protection switching (ERPS)	•	•	•	•
	802.3ad, 802.1AX link aggregation	•	•	•	•
VLAN	VLAN group (max static)	4K	4K	4K	4K
	Port / MAC / protocol-based VLAN, GVRP	•	•	•	•
	Port-based double VLAN	•	•	•	•
	Selective double VLAN				
	ISM VLAN	•	•	•	•
	Voice VLAN	•	•	•	•
L3	IPv4/IPv6 routing table				
	IPv4/IPv6 forwarding table				
	IP interfaces	16	16	16	16
	IPv6 Ready Logo, IPv6 neighbour discovery (ND)				
	Static route for IPv4/IPv6	64 / 32	64 / 32	64 / 32	64 / 32
	RIP v1/v2, RIPng				
QoS	Number of queues per port	8	8	8	8
	CoS based on contents	•	•	•	•
	Bandwidth control (min. granularity)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)
	Time-based QoS				
ACL	ACL (Ingress / Egress / VLAN-based)	• (Ingress)	• (Ingress)	• (Ingress)	• (Ingress)
	Based on packet contents	•	•	•	•
	Time-based ACL	•	•	•	•
SECURITY	SSH, SSL (v1/v2/v3)	•	•	•	•
	IP-MAC-port binding (IMPB)	•	•	•	•
	ARP spoofing, BPDU attack protection	•	•	•	•
	802.1X access control	•	•	•	•
AAA	Microsoft NAP support	•	•	•	•
	RADIUS/TACACS+ authentication	•	•	•	•
	SNMP (v1/v2c/v3), RMON v1/v2	•	•	•	•
MANAGEMENT	sFlow	•	•	•	•
	LLDP-MED	•	•	•	•
	ICMPv6				
	802.3ah, 802.1ag, ITU-TY.1731	•	•	•	•

SWITCHES

Gigabit Layer 3
Managed
with 10G Uplinks

Gigabit Ethernet with 10G Uplinks



	MODEL	DGS-3130-30TS	DGS-3130-30PS	DGS-3130-30S	DGS-3130-54TS	DGS-3130-54PS	DGS-3130-54S
HARDWARE	Number of Gigabit ports	24	24		48	48	
	Number of SFP ports			24			48
	Number of 10GBASE-T ports	2	2	2	2	2	2
	Number of 10G SFP+ ports	4	4	4	4	4	4
	Switching capacity	168 Gbps	168 Gbps	168 Gbps	216 Gbps	216 Gbps	216 Gbps
	PoE standards		802.3af, 802.3at			802.3af, 802.3at	
	PoE power budget		370 W (740 W with RPS)			370 W (740 W with RPS)	
	PoE capable ports		Ports 1-24, up to 30 W			Ports 1-48, up to 30 W	
	Power supply type	Internal	Internal	Internal	Internal	Internal	Internal
	Physical stacking (device / max bandwidth)	• (9 / 80G)	• (9 / 80G)	• (9 / 80G)	• (9 / 80G)	• (9 / 80G)	• (9 / 80G)
L2	Virtual stacking (device)	• (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
	802.1D STP, 802.1w RSTP, 802.1s MSTP	•	•	•	•	•	•
	Ethernet ring protection switching (ERPS)	•	•	•	•	•	•
VLAN	802.3ad, 802.1AX link aggregation	•	•	•	•	•	•
	VLAN group (max static)	4K	4K	4K	4K	4K	4K
	Port / MAC / protocol-based VLAN, GVRP	•	•	•	•	•	•
	Asymmetric, Private VLAN	•	•	•	•	•	•
L3	ISM, Super, Voice VLAN	•	•	•	•	•	•
	IPv4/IPv6 routing table	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
	IP interfaces	16	16	16	16	16	16
	IPv6 neighbour discovery (ND)	•	•	•	•	•	•
	Static route for IPv4/IPv6	1024 / 512	1024 / 512	1024 / 512	1024 / 512	1024 / 512	1024 / 512
	VRRP	•	•	•	•	•	•
	Multicasting	•	•	•	•	•	•
	RIP v1/v2, RIPng	•	•	•	•	•	•
	OSPFv2/v3	• ²	• ²	• ²	• ²	• ²	• ²
QoS	Number of queues per port	8	8	8	8	8	8
	CoS based on contents	•	•	•	•	•	•
	Bandwidth control (min. granularity)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)
	Single/two rate Three Colour Marker	•	•	•	•	•	•
ACL	ACL (Ingress / Egress / VLAN-based)	•	•	•	•	•	•
	Based on packet contents	•	•	•	•	•	•
SECURITY	SSH, SSL (v1/v2/v3)	•	•	•	•	•	•
	IP-MAC-port binding (IMPB)	•	•	•	•	•	•
	ARP spoofing, BPDU attack protection	•	•	•	•	•	•
	802.1X access control, Microsoft NAP	•	•	•	•	•	•
AAA	RADIUS/TACACS+ authentication	•	•	•	•	•	•
	SNMP (v1/v2c/v3), RMON v1/v2, sFlow	•	•	•	•	•	•
	LLDP-MED	•	•	•	•	•	•
	ICMPv6	•	•	•	•	•	•
MANAGEMENT	802.3ah, 802.1ag, ITU-T Y.1731	•	•	•	•	•	•

¹ When stacking the DGS-3130-30TS/30S/30PS models, the stacking cost is 1 per unit so the maximum units per stack is 9.

When stacking the DGS-3130-54TS/54S/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).

² Available in future firmware update

SWITCHES

Gigabit Layer 3
Managed
with 10G Uplinks

Gigabit Ethernet with 10G Uplinks



	MODEL	DGS-3630-28TC/SI	DGS-3630-28PC/SI	DGS-3630-28SC/SI	DGS-3630-52TC/SI	DGS-3630-52PC/SI	DGS-3630 EI	DGS-3630 MI
HARDWARE	Number of Gigabit ports	20	20		44	44	See specific switch model	See specific switch model
	Number of Combo 1000BASE-T/SFP ports	4	4	4	4	4	See specific switch model	See specific switch model
	Number of SFP ports			20			See specific switch model	See specific switch model
	Number of 10G SFP+ ports	4	4	4	4	4	See specific switch model	See specific switch model
	Number of open slots							
	Switching capacity	128 Gbps	128 Gbps	128 Gbps	176 Gbps	176 Gbps	See specific switch model	See specific switch model
	PoE standards		802.3af, 802.3at			802.3af, 802.3at		
	PoE power budget		370 W (740 W with RPS)			370 W (740 W with RPS)		
	PoE capable ports		Ports 1-24, up to 30 W			Ports 1-48, up to 30 W		
	Power supply type	Internal		Internal	Internal	Internal		
L2	Physical stacking (device / max bandwidth)	• (9/80G)	• (9/80G)	• (9/80G)	• (9/80G)	• (9/80G)	• (9/80G)	• (9/80G)
	Virtual stacking (device)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)
	Switch Resource Management	IP / LAN / L2 VPN modes	IP / LAN / L2 VPN modes	IP / LAN / L2 VPN modes	IP / LAN / L2 VPN modes	IP / LAN / L2 VPN modes		
	MAC address	Up to 68K	Up to 68K	Up to 68K	Up to 68K	Up to 68K	32K	32K
VLAN	802.1D STP, 802.1w RSTP, 802.1s MSTP	•	•	•	•	•	•	•
	Ethernet ring protection switching (ERPS)	• (ERPSv2)	• (ERPSv2)	• (ERPSv2)	• (ERPSv2)	• (ERPSv2)	•	•
	802.3ad, 802.1AX link aggregation	•	•	•	•	•	•	•
	VLAN group (max static)	4K	4K	4K	4K	4K	4K	4K
L3	Port / MAC / protocol-based VLAN, GVRP	•	•	•	•	•	•	•
	Port-based, selective double VLAN	•	•	•	•	•	•	•
	ISM, Super, Voice VLAN	ISM/ Voice VLAN	ISM/ Voice VLAN	ISM/ Voice VLAN	ISM/ Voice VLAN	ISM/ Voice VLAN	•	ISM/ Voice VLAN
	DCB - 802.1Qbb, 802.1Qaz	802.1Qbb (10G port only)	802.1Qbb (10G port only)	802.1Qbb (10G port only)	802.1Qbb (10G port only)	802.1Qbb (10G port only)	802.1Qbb (10G port only)	802.1Qbb (10G port only)
QOS	IPv4/IPv6 routing table	16K / 8K	16K / 8K	16K / 8K	16K / 8K	16K / 8K	16K / 8K	16K / 8K
	IPv4/IPv6 forwarding table	32K / 16K	32K / 16K	32K / 16K	32K / 16K	32K / 16K	32K / 16K	32K / 16K
	IP interfaces	256	256	256	256	256	256	256
	Static route for IPv4/IPv6	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256
	IPv6 tunneling						•	•
	Multicasting	•	•	•	•	•	•	•
	PIM-DM/SM, DVMRPv3						•	•
	RIP v1/v2, RIPng	•	•	•	•	•	•	•
	OSPFv2/v3, BGP4/BGP4						•	•
	IS-IS, IS-ISv6							•
ACL	MPLS, VPLS							•
	Number of queues per port	8	8	8	8	8	8	8
	CoS based on contents	•	•	•	•	•	•	•
	Bandwidth control (min. granularity)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)
SECURITY	Single/two rate Three Colour Marker	•	•	•	•	•	•	•
	ACL (Ingress / Egress / VLAN-based)	•	•	•	•	•	•	•
	Based on packet contents	•	•	•	•	•	•	•
	SSH, SSL (v1/v2/v3)	•	•	•	•	•	•	•
AAA	IP-MAC-port binding (IMPB)	•	•	•	•	•	•	•
	ARP spoofing, BPDU attack protection	•	•	•	•	•	•	•
	802.1X access control, Microsoft NAP	•	•	•	•	•	•	•
	RADIUS/TACACS+ authentication	•	•	•	•	•	•	•
MANAGEMENT	SNMP (v1/v2c/v3), RMON v1/v2, sFlow	•	•	•	•	•	•	•
	LLDP-MED	•	•	•	•	•	•	•
	ICMPv6	•	•	•	•	•	•	•
	802.3ah, 802.1ag, ITU-T Y.1731	•	•	•	•	•	•	•

SWITCHES

10/40 Gigabit
Layer 3
Managed

10 Gigabit Ethernet

10/40 Gigabit Ethernet



	MODEL	DXS-3400-24TC	DXS-3400-24SC	DXS-3600-32S/SI	DXS-3600 EI	DXS-5000-54S/SI
HARDWARE	Number of Gigabit ports			8 (with DXS-3600-EM-8T)	8 (with DXS-3600-EM-8T)	
	Number of 10GBASE-T ports	20		4 (with DXS-3600-EM-4XT)	4 (with DXS-3600-EM-4XT)	
	Number of Combo 10GBASE-T/SFP+ ports	4	4			
	Number of 120G stacking ports			2 (with DXS-3600-EM-Stack)	2 (with DXS-3600-EM-Stack)	
	Number of 40G QSFP+ ports			4 (with DXS-3600-EM-4QXS)	4 (with DXS-3600-EM-4QXS)	6
	Number of 10G SFP+ ports		20	24	24	48
	Number of open slots			1	1	
	Switching capacity	480 Gbps	480 Gbps	960 Gbps	960 Gbps	1.44 Tbps
	Power supply type	Internal	Internal	Internal	Internal	Internal
	Power supply redundancy	1+1	1+1	1+1	1+1	1+1
L2	Physical stacking (device / max bandwidth)	• (4/80G)	• (4/80G)	• (4/480G)	• (4/480G)	
	Virtual stacking (device)	• (32)	• (32)	• (32)	• (32)	
	MAC address	48K	48K	128K	128K	
	802.1D STP, 802.1w RSTP, 802.1s MSTP	•	•	•	•	
VLAN	Ethernet ring protection switching (ERPS)	•	•	•	•	
	802.3ad, 802.1AX link aggregation	•	•	•	•	
	VLAN group (max static)	4K	4K	4K	4K	
	Port / MAC / protocol-based VLAN, GVRP	•	•	•	•	
Data/SDN	Port-based, selective double VLAN	•	•	•	•	
	ISM, Super, Voice VLAN	•	•	Super/ISM VLAN	Super/ISM VLAN	
	VXLAN					•
	ONIE					•
L3	OpenFlow					v1.0/1.3
	DCB - 802.1Qbb, 802.1Qaz	•	•	•	•	•
	IPv4/IPv6 routing table	4K / 1K	4K / 1K	16K / 8K	16K / 8K	8K / 2K
	IPv4/IPv6 forwarding table	32K / 16K	32K / 16K	8K / 4K	8K / 4K	2K / 2K
	IP interfaces	256	256	256	256	128
	Static route for IPv4/IPv6	256 / 128	256 / 128	1K / 512	1K / 512	64 / 64
	IPv6 tunneling				•	•
	Multicasting				•	•
	PIM-DM/SM, DVMRPv3				•	•
	RIP v1/v2, RIPng	•	•		•	
QoS	OSPFv2/v3, BGP4/BGP4+				• (OSPFv2/v3, BGP4)	•
	MPLS, VPLS				•	
	Number of queues per port	8	8	8	8	8
	CoS based on contents	•	•	•	•	•
ACL	Bandwidth control (min. granularity)	• (64Kbps)	• (64Kbps)	• (8Kbps)	• (8Kbps)	• (% of port speed)
	Single/two rate Three Colour Marker			•	•	•
SECURITY	ACL (Ingress / Egress / VLAN-based)	•	•	•	•	•
	Based on packet contents	•	•	•	•	
	SSH, SSL (v1/v2/v3)	•	•	•	•	• (SSH only)
	IP-MAC-port binding (IMPB)	•	•	•	•	•
AAA	ARP spoofing, BPDU attack protection	•	•	•	•	• (BPDU attack protection only)
	802.1X access control, Microsoft NAP	•	•	•	•	• (802.1X access control only)
	RADIUS/TACACS+ authentication	•	•	•	•	•
	SNMP (v1/v2c/v3), RMON v1/v2, sFlow	•	•	• (excl. sFlow)	• (excl. sFlow)	•
MANAGEMENT	LLDP-MED	•	•	•	•	•
	ICMPv6	•	•			•
	802.3ah, 802.1ag, ITU-T Y.1731	•	•	•	•	

SWITCH ACCESSORIES

SFP/SFP+ Transceivers

Fast Ethernet SFP Transceivers



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

Gigabit Ethernet SFP Transceivers



MODEL	DGS-712	DEM-310GT	DEM-311GT
Standard	IEEE 802.3ab 1000BASE-T	IEEE 802.3z 1000BASE-LX	IEEE 802.3z 1000BASE-SX
Connector	RJ45	Duplex LC	Duplex LC
Cable Type (Maximum Distance)	Single-Mode	9/125 µm fibre (10 km)	50/125 µm fibre (550 m) 62.5/125 µm fibre (220 m)
	Multi-Mode		
Wavelength		1310 nm	850 nm
Power	3.3 V	3.3 V	3.3 V
Hot-Pluggable	•	•	•

10/40 Gigabit Ethernet SFP+/QSFP+ Transceivers



MODEL	DEM-410T	DEM-431XT	DEM-432XT	DEM-QX01Q-SR4	DEM-QX10Q-LR4
Standard	IEEE 802.3an 10GBase-T	IEEE 802.3ae 10GBASE-SR	IEEE 802.3ae 10GBASE-LR	40G BASE-SR4	40G BASE-LR4
Connector	RJ45	Duplex LC	Duplex LC	MPO	Duplex LC
Cable Type (Maximum Distance)	Single-Mode		9/125 µm fibre (10 km)	50/125 µm fibre	9/125 µm fibre (10 km)
	Multi-Mode	50/125 µm fibre (OM2 - 82 m, OM3 - 300 m), 62.5/125 µm fibre (OM1 - 33m)		Single 1x12 MPO receptacle (female) (OM3 MMF: 100 m, OM4 MMF: 150 m)	
Wavelength		850 nm	1310 nm	850 nm	1310 nm
Power	3.3 V	3.3 V	3.3 V	3.3 V	3.3 V
Hot-Pluggable	•	•	•	•	•

Switch Cables



MODEL	DEM-CB50/100/300	DEM-CB50CXP	DEM-CB100S/300S	DEM-CB100QXS/300QXS	DEM-CB100QXS-4XS
Cable Series Type	InfiniBand	CXP Direct Attach	SFP+ Direct Attach	QSFP+ Direct Attach	QSFP+ Direct Attach
Standard	IEEE802.3ak 10GBASE-CX4	SFP MSA	SFP MSA	SFP MSA	SFP MSA
Device Rate	10 Gbps	120 Gbps	10 Gbps	40 Gbps	40 Gbps
Connector Type	Screw-Type at Both Ends	CXP Cable Assembly	SFP+ Cable Assembly	QSFP+ Cable Assembly	QSFP+ to four 10G SFP+ Cable Assembly
Wire AWG	28	30	30	30	30
Minimum Cable Bend Radius		49 mm	23.5 mm	32 mm	23.5 mm
Cable Length	50/100/300 cm	50 cm	100/300 cm	100/300 cm	100 cm
Voltage	30 V AC	30 V AC	30 V AC	30 V AC	30 V AC
Current	0.5 A	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 85°C	-40°C to 85°C	-40°C to 85°C
Connectivity	Physical Stacking Cable or Uplink Cable for DGS-3120 Series	Physical Stacking Cable for DXS-3600-32S Switch's DXS-3600-EM-Stack Module	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

Ethernet Network Adapters



MODEL	DGE-528T	DXE-820T
Data Transfer Rate	Gigabit	10 Gigabit
Number of ports	1	2
Standards	• IEEE 802.3ab 1000BASE-T • IEEE 802.3u 100BASE-TX	• IEEE 802.3an 10GBASE-T • IEEE 802.3ab 1000BASE-T • IEEE 802.3u 100BASE-TX
Interface Slot	PCI 2.3	PCI Express x8 2.0, 5 GT/s compliant
Smart Load Balancing		•
Link Aggregation		802.3ad
Energy Efficient Ethernet		802.3az

SWITCH ACCESSORIES

Redundant Power Supplies



MODEL	DPS-200A	DPS-500A	DPS-700	DXS-PWR300AC
Output Power	60 W	140 W	589 W	300 W
Input Power	90 to 264 V AC	90 to 264 V AC	90 to 264 V AC	85 to 264 V AC
Dimensions	172 x 257 x 43 mm	172 x 257 x 43 mm	441 x 139 x 44 mm	275 x 79 x 40 mm
Mounting Options (see adjacent table)	DPS-800	DPS-800	19in Rack, 1U	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-200A	DPS-500A	DPS-700	DXS-PWR300AC
DGS-1510-52XMP			•	
DGS-3000-28LP		•		
DGS-3000-28X		•		
DGS-3000-28XMP		•		
DGS-3000-52X		•		
DGS-3130-30TS		•		
DGS-3130-30S		•		
DGS-3130-30PS			•	
DGS-3130-54TS		•		
DGS-3130-54S		•		
DGS-3130-54PS			•	
DGS-3630-28SC		•		
DGS-3630-28TC		•		
DGS-3630-28PC			•	
DGS-3630-52TC		•		
DGS-3630-52PC			•	
DXS-3400-24TC				•
DXS-3400-24SC				•
DXS-3600-32S/SI				•

Media Convertors



MEDIA CONVERTERS	DMC-300SC	DMC-515SC	DMC-700SC	DMC-810SC
Standards	10/100BASE-TX 100BASE-TX	10/100BASE-TX 100BASE-TX	1000BASE-T 1000BASE-SX	100BASE-TX 1000BASE-LX
Connectors	SC / RJ45	SC / RJ45	SC / RJ45	SC / RJ45
Data Rate	100 Mbps	100 Mbps	1 Gbps	1 Gbps
Fibre Type	Multi-Mode	Single-Mode	Multi-Mode	Single-Mode
Maximum Distance	2 km	15 km	550 m	20 km



CHASSIS AND ACCESSORIES	DMC-1000	DMC-1001
Description	16-Slot Media Converter Chassis with Internal Power Supply	Redundant Power Supply for DMC-1000

Power over Ethernet (PoE) Adapter / Extender

DPE-101GI 1-Port Gigabit PoE Injector



Main Features

- Use without a PoE switch
- Supply power to PoE devices

Physical Features

- Terminal unit x 1
- Maximum power input 48 V
- Gigabit speed
- Supports 802.3af, up to 15.4 W

DPE-301GI Gigabit PoE+ Injector



Main Features

- Use without a PoE switch
- Supply power to PoE devices

Physical Features

- Terminal unit x 1
- Maximum power input 48 V
- Gigabit speed
- Supports 802.3at/af, up to 30 W

DPE-301GS Gigabit PoE+ Splitter



Main Features

- Add PoE to non-PoE devices
- Works with PoE switch or injector

Physical Features

- Terminal unit x 1
- 5 V, 9V, or 12 V DC output
- Gigabit speed
- Supports 802.3at/af, up to 30 W

DPE-302GE 2-Port Gigabit PoE Extender



Main Features

- Extends PoE connection up to 500 m*
- Multiple mounting options

Physical Features

- 2 x Gigabit output ports
- Powered by PoE
- Up to 60°C operating temperature
- Supports 802.3at/af, up to 30 W

* With multiple units

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)	VLAN support for added security	VLAN support for added security	Optimisation of network traffic

INDUSTRIAL SWITCHES

Industrial
Gigabit
Switches

		Unmanaged					Layer 2 Smart Managed		Layer 2 Managed			Layer 2+
												
MODEL		DIS-100E-5W	DIS-100E-8W	DIS-100G-5W	DIS-100G-5SW	DIS-100G-5PSW	DIS-200G-12S	DIS-200G-12PS	DIS-300G-12SW	DIS-300G-8PSW	DIS-300G-14PSW	DIS-700G-28XS
HARDWARE	Number of Fast Ethernet ports	5	8				10	10	8	6	10	
	Number of Gigabit ports			5	4	4						
	Number of SFP ports				1	1	2	2	4	2	4	24
	Number of 10G SFP+ ports											4
	PoE standards					802.3af, 802.3at		802.3af, 802.3at		802.3af, 802.3at	802.3af, 802.3at, 60W (port 1 and 2 only)	
	PoE power budget					120 W		240 W		120 W	240 W	
	PoE capable ports					Ports 1-4, up to 30 W		Ports 1-8, up to 30 W		Ports 1-4, up to 30 W	Ports 1-2, up to 60 W Ports 3-8, up to 30 W	
	Input voltage range	12-58 VDC	12-58 VDC	12-58 VDC	12-58 VDC	12-58 VDC, 54-58V for PoE+, 48-58V for PoE	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	DIS-H30-24, DIS-H60-24, DIS-N240-48, DIS-N480-48	DIS-H30-24, DIS-H60-24, DIS-N240-48, DIS-N480-48	DIS-H30-24, DIS-H60-24, DIS-N240-48, DIS-N480-48	DIS-H30-24, DIS-H60-24, DIS-N240-48, DIS-N480-48	DIS-N240-48, DIS-N480-48	DIS-H30-24, DIS-H60-24, DIS-N240-48, DIS-N480-48	DIS-N240-48, DIS-N480-48	DIS-H30-24, DIS-H60-24, DIS-N240-48, DIS-N480-48	DIS-N240-48, DIS-N480-48	DIS-N240-48, DIS-N480-48	Built-in
	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	-40° to 75°C	-40° to 65°C	-40° to 65°C	-40 to +75°C	-40 to +75°C	-40 to +75°C	-40 to +75°C
	Vibration, shock and freefall certification	Vibration: IEC60068-2-6; Shock: IEC60068-2-27; Free Fall: IEC60068-2-32										
	NEMA-TS2, EN50121-4 (compliant)			•	•	•			•	•	•	
	EMC certification	FCC Part 15, CISPR 22 (EN55022) Class A, ESD: IEC61000-4-2, Radiated RF (RS): IEC61000-4-3, EFT: IEC61000-4-4, Surge: IEC61000-4-5, Conducted RF (CS): IEC61000-4-6										
	Ingress protection	IP30										
L2	MAC address	1K	1K	2K	2K	2K	8K	8K	8K	8K	8K	8K
	802.1D STP, 802.1w RSTP, 802.1s MSTP						•	•	•	•	•	•
	Fast Failover Protection Rings						• (ERPS, 50-200ms)	• (ERPS, 50-200ms)	• (<20ms)	• (<20ms)	• (<20ms)	• (<20ms)
	802.3ad, 802.1AX link aggregation						•	•	•	•	•	•
VLAN	VLAN group (max static)						128	128	256	1024	1024	2048
	Port/MAC / protocol-based VLAN, GVRP						Port-based, GVRP	Port-based, GVRP	•	•	•	•
	Port-based double VLAN								•	•	•	•
	Auto-Servillance, Voice VLAN											
QoS	802.1p			•	•	•	•	•	•	•	•	
	Policy-based access control engine											Multi-layer ACL
	Number of queues per port			4	4	4	4	4	8	8	8	8
	Traffic shaper						Port-based	Port-based	Port-based	Port-based	Port-based	Port/queue-based shaping & scheduling
SECURITY	Traffic policer											TrTCM
	Multicast/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								•	•	•	•
AAA	RADIUS/TACACS+ authentication						RADIUS only	RADIUS only	•	•	•	RADIUS only
	SNMP (v1/v2c/v3), RMON v1						SNMP only	SNMP only	•	•	•	•
	Web-based management						•	•	•	•	•	•
	Command line interface (CLI)						•	•	•	•	•	•
MANAGEMENT	HTTPs, SSH						HTTPs only	HTTPs only	•	•	•	•
	Syslog						•	•	•	•	•	•



MODEL	DWM-312 4G LTE M2M Router
Mobile networks	LTE Cat./UMTS/HSPA
Maximum speed	50 Mbps down / 50 Mbps up (LTE)
Device interface	<ul style="list-style-type: none"> • 1 x 10/100 Fast Ethernet WAN port • 1 x 5.5 mm DC input • 2 x SMA (antenna connectors) • Dual Micro-SIM slots
Advanced features	<ul style="list-style-type: none"> • QoS engine (Quality of Service) • L2TP/PPTP/IPSec VPN Client/Server modes • SNMP and D-View 7 Support • Firmware over the air (FOTA) upgrades • Web-based UI • TR-069 CPE WAN Management Protocol
Power input	DC 5V/2A ~ 18V/0.7A
Operating temp.	-20 to 60 °C

	MODEL	ACCESSORIES
POWER SUPPLIES	DIS-H30-24	30W 24VDC Ultra Slim DIN Rail PSU • Input: 85 ~ 264VAC • Output: 21.6 ~ 29V DC • Din rail TS-35/7.5 or 15 mountable • -30~70°C operating temperature
	DIS-H60-24	60W 24VDC Ultra Slim DIN Rail PSU • Input: 85 ~ 264VAC • Output: 21.6 ~ 29V DC • Din rail TS-35/7.5 or 15 mountable • -30~70°C operating temperature
	DIS-N240-48	240W 48VDC DIN Rail PSU • Input: 90 ~ 264VAC • Output: 48 ~ 55V DC • Din rail TS-35/7.5 or 15 mountable • -20~70°C operating temperature
	DIS-N480-48	480W 48VDC DIN Rail PSU • Input: 90 ~ 264VAC • Output: 48 ~ 55V DC • Din rail TS-35/7.5 or 15 mountable • -20~70°C operating temperature
SFP TRANSCEIVERS	DIS-S301SX	1-port Mini-GBIC SFP to 1000BaseSX Multi-Mode Fibre Transceiver • up to 550 m • -40~85°C operating temperature
	DIS-S302SX	1-port Mini-GBIC SFP to 1000BaseSX Multi-Mode Fibre Transceiver • up to 2 km • -40~85°C operating temperature
	DIS-S310LX	1-port Mini-GBIC SFP to 1000BaseLX Single-Mode Fibre Transceiver • up to 10 km • -40~85°C operating temperature

BUSINESS WIRELESS



A connected workforce is a more productive workforce

D-Link wireless networking solutions enable business networks of all sizes to create highly mobile, highly productive work environments at a low total cost of ownership. With products that provide excellent value across a wide range of scenarios, D-Link wireless networks are scalable, easy to deploy and manage – delivering reliable, secure connectivity, in a self-healing solution.



Software-Managed Wireless Access Points

Mobility for all

D-Link offers a wide range of robust wireless Access Points (APs) operating in both the 2.4GHz and 5GHz frequency bands, supporting the latest wireless standards including 802.11ac and 802.11n. These access points can be managed independently as standalone devices, or collectively by using Central Wi-Fi Manager, free centralised controller software that can be installed on a Windows server or PC.



Unified Wireless: Controller-Managed Solutions

Widespread access, local control

Unified wireless is a scalable wireless local area network solution that combines wired and wireless services. Using a Unified Switch or Controller, Unified Wireless makes use of centralised control policies that allow network administrators to manage the configuration of all Access Points.

nuclias Cloud Networking Solution

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



Networking, refreshed.

Simple, feature-rich cloud-managed networks, as it should be.

Our Nuclias cloud solution 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 iPad App.

Manageability

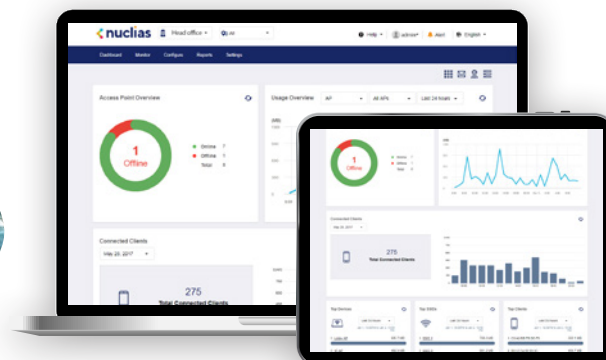
Nuclias is a turnkey solution with simple installation and management, designed to work even if the connection to the cloud is interrupted.

Scalability

Suitable for small branch offices to large networks, Nuclias provides unlimited capacity and uncompromised throughput with its low in-band data management footprint.

Cost saving

Zero-touch deployment and reduced installation and configuration costs thanks to a centralised, profile-based cloud management system.



Nuclias Wave 2 AC1200
Dual-Band Access point

MODEL	DBA-1210P
Wireless standards	Simultaneous a/n/ac and b/g/n
802.11ac Wave 2	•
Maximum wireless speed	867 Mbps - 5 GHz 300 Mbps - 2.4 GHz
MU-MIMO	•
Power-over-Ethernet	• (802.3af)
Wired interface	1 x Gigabit Ethernet
Maximum number of SSIDs	16



Nuclias Smart-Managed
Switches with PoE options*

MODEL	DBS-2000 Series
Number of Gigabit ports	8/24/48
Number of Combo/ SFP ports	2/4
Optional PoE support	802.3af/at
PoE power budget	Up to 370W

* Coming soon



**1. Zero-touch
provisioning**



**2. Deliver to
deploy**



**3. Plug and
connect**

BUSINESS WIRELESS



Managing Wireless Access

D-Link's wireless management option allows you to centrally manage and monitor up to 1,024 wireless access points 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 access points, through a simple pay as you grow subscription model.

Managed Wireless



Central WiFiManager



		Nuclias	Central WiFiManager	DWC-1000 (H/W vers. C1)	DWC-2000
H/W	Number of Gigabit ports			4 x LAN, 2 x WAN	
	Number of Combo 1000Base-T/SFP ports				4
WLAN MANAGEMENT	Type of controller	Cloud-based	Software-based	Hardware-based	Hardware-based
	Standard number of APs	N/A, Subscription per AP	1000	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 number of APs supported through subscription	1000	66 (264 with cluster of 4 x DWC-1000)	256 (1024 with cluster of 4 x DWC-2000)
	Supported AP	DBA-1210P	DAP-2230 DAP-2310 (B1) DAP-2360 (B1) DAP-2610 DAP-2660	DAP-2680 DAP-2695 DAP-3320 DAP-3362	DWL-2600AP DWL-3610AP DWL-6610AP DWL-6610APE DWL-6620AP5 DWL-6700AP DWL-7620AP DWL-8610AP DWL-8620AP DWL-8620APE DWL-8710AP
	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)	•	•		
USER AUTHENTICATION	Multi-tenancy	•	•		
	WIDS			•	•
	IPv6			•	•
	Captive portal	•	•	•	•
RF	Authentication method	802.1x, RADIUS, Facebook/Google login	Local DB, external RADIUS, LDAP, POP3, Wi-Fi passcode, AD	Local DB, external RADIUS, NAP, Wi-Fi passcode	Local DB, external RADIUS, NAP, Wi-Fi passcode
	Payment gateway (Paypal, WorldPay, SecureNet, Authorise.Net)			•	•
	Web redirect		•	•	•
WIRELESS FEATURE	Auto transmit power control		•	•	•
	Self-healing around failed APs		•	•	•
	Multiple SSID per Radio(AP)		8	16	16
	Band steering		•	•	•
	Seamless roaming			•	•
	L2 roaming		•	•	•
	Bandwidth optimisation		•	• (QoS)	• (QoS)
SYSTEM MANAGEMENT	Load balancing			•	•
	Web-based user interface	HTTPS	HTTPS	HTTP	HTTP
	Firmware/module online check	•	•		
	Remote management	•	•	•	•
	Cloud hosting	Native	Amazon Web Services / Microsoft Azure		
NETWORKING	Firmware/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)	
OTHERS	Build in DHCP server			•	•
	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. This avoids repeated configurations and improves control of the wireless network.

BUSINESS WIRELESS

Unified
Wireless

	MODEL	DWL-2600AP	DWL-3610AP	DWL-6610AP	DWL-6610APE	DWL-6620APS	DWL-6700AP	DWL-7620AP	DWL-8610AP	DWL-8620AP	DWL-8620APE	DWL-8710AP
HARDWARE	Wireless standards	b/g/n	Selectable Dual-Band b/g/n	Simultaneous Dual-Band a/n/ac and b/g/n	Simultaneous Dual-Band a/n/ac and b/g/n	Simultaneous Dual-Band a/n/ac and b/g/n	Simultaneous Dual-Band a/n and b/g/n	Simultaneous Tri-Band a/n/ac and b/g/n	Simultaneous Dual-Band a/n/ac and b/g/n	Simultaneous Dual-Band a/n/ac and b/g/n	Simultaneous Dual-Band a/n/ac and b/g/n	Simultaneous Dual-Band a/n/ac and b/g/n
	Wireless frequency range	2.4 to 2.4835GHz	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 5.875GHz	2.4 to 2.4835GHz 5.15 to 5.875 GHz	2.4 to 2.4835GHz 5.15 to 5.875GHz	2.4 to 2.4835GHz 4.9 to 5.85 GHz	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 4.9 to 5.85 GHz
	Maximum wireless speed	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	867 Mbps - 5 GHz 400 Mbps - 2.4 GHz	300 Mbps - 5 GHz 300 Mbps - 2.4 GHz	2 x 867 Mbps - 5 GHz 400 Mbps - 2.4 GHz	1300 Mbps - 5 GHz 450 Mbps - 2.4 GHz	1733 Mbps - 5 GHz 800 Mbps - 2.4 GHz	1733 Mbps - 5 GHz 800 Mbps - 2.4 GHz	867 Mbps - 5 GHz 300 Mbps - 2.4 GHz
	MIMO	•	•	•	•	• (MU-MIMO)	•	• (MU-MIMO)	•	• (MU-MIMO)	• (MU-MIMO)	•
	Antenna type	Embedded omni-directional	Embedded omni-directional	Embedded omni-directional	4 detachable omni-directional	Embedded omni-directional	Embedded	Embedded omni-directional	Embedded omni-directional	Embedded omni-directional	4 detachable omni-directional	4 detachable omni-directional
	Smart Antennas					•						
	Antenna gain	3 dBi	3 dBi for 2.4GHz 3 dBi for 5GHz	4 dBi for 2.4GHz 4 dBi for 5GHz	3 dBi for 2.4GHz 4 dBi for 5GHz	4 dBi for 2.4GHz 6 dBi for 5GHz	3 dBi for 2.4GHz 8 dBi for 5GHz	3 dBi for 2.4GHz 4 dBi for 5GHz	5 dBi for 2.4GHz 6.5 dBi for 5GHz	3 dBi for 2.4GHz 4 dBi for 5GHz	3 dBi for 2.4GHz 4 dBi for 5GHz	5 dBi for 2.4GHz 7 dBi for 5GHz
	Power-over-Ethernet	• (802.3af)	• (802.3af)	• (802.3af)	• (802.3af)	• (802.3at)	• (proprietary)	• (802.3at)	• (802.3at)	• (802.3at)	• (802.3at)	• (802.3at)
	Wired interface	1 x Fast Ethernet	1 x Gigabit Ethernet	1 x Gigabit Ethernet	1 x Gigabit Ethernet	2 x Gigabit Ethernet	2 x Fast Ethernet	2 x Gigabit Ethernet	2 x Gigabit Ethernet	2 x Gigabit Ethernet	2 x Gigabit Ethernet	2 x Gigabit Ethernet
	Console port	•	•	•	•	•	•	•	•	•	•	•
	Type of housing	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Metal/plastic	Plastic	Plastic	Metal/plastic
WIRELESS MODES	Outdoor housing (IP rating)						• (IP55)					• (IP67)
	Plenum rated (UL-2043)			•	•	•		•	•	•	•	•
	Access point (AP)	•	•	•	•	•	•	•	•	•	•	•
	WDS with AP	•	•	•	•	•	•	•	•	•	•	•
WIRELESS FEATURES	WDS / bridge	•	•	•	•	•	•	•	•	•	•	•
	Maximum number of SSIDs	16	16	32 (16 per radio)	32 (16 per radio)	32 (16 per radio)	8 (4 per radio)	48 (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	•	•	•	•	•	•	•	•	•	•	•
SECURITY	Wi-Fi scheduler	•	•	•	•	•	•	•	•	•	•	•
	L2 roaming	•	•	•	•	•	•	•	•	•	•	•
	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	•	•	•	•	•	•	•	•	•	•	•
WIRELESS CONTROLLER MANAGED FEATURES	MAC address filtering, 802.1X authentication	•	•	•	•	•	•	•	•	•	•	•
	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	DWC-1000, DWC-2000	DWC-1000, DWC-2000	DWC-1000, DWC-2000	DWC-1000, DWC-2000	DWC-1000, DWC-2000	DWC-1000, DWC-2000
	WEB	•	•	•	•	•	•	•	•	•	•	•
MANAGEMENT	SNMP (v1, V2c, v3)	•	•	•	•	•	•	•	•	•	•	•
	CLI, Telnet, SSH	•	•	•	•	•	SSH only	•	•	•	•	•
	Syslog	•	•	•	•	•	•	•	•	•	•	•
	Configuration group through AP Array	• (up to 8 APs)	• (up to 8 APs)	• (up to 8 APs)	• (up to 8 APs)				• (up to 8 APs)			• (up to 8 APs)

BUSINESS WIRELESS

Software-Managed

802.11ac
Wave 2802.11ac
Wave 2802.11ac
Wave 2

	MODEL	DAP-1665	DAP-2020	DAP-2230	DAP-2310	DAP-2360	DAP-2610	DAP-2660	DAP-2680	DAP-2695	DAP-3315	DAP-3662
HARDWARE	Wireless standards	Simultaneous a/n/ac and b/g/n	b/g/n	b/g/n	b/g/n	b/g/n	Simultaneous a/n/ac (Wave 2) and b/g/n	Simultaneous a/n/ac and b/g/n	Simultaneous a/n/ac and b/g/n	Simultaneous a/n/ac and b/g/n	b/g/n	Simultaneous a/n/ac and b/g/n
	Wireless frequency range	2.4 to 2.4835 GHz 5.15 to 5.875 GHz	2.4 to 2.4835 GHz	2.4 to 2.4835 GHz	2.4 to 2.4835 GHz	2.4 to 2.4835 GHz	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 5.875 GHz	2.4 to 2.4835 GHz 5.15 to 5.875 GHz	2.4 to 2.4835 GHz	2.4 to 2.4835 GHz 5.15 to 5.875 GHz
	Maximum wireless speed	867 Mbps - 5 GHz 300 Mbps - 2.4 GHz	300 Mbps - 2.4 GHz	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 300 Mbps - 2.4 GHz	1300 Mbps - 5 GHz 450 Mbps - 2.4 GHz	1300 Mbps - 5 GHz 450 Mbps - 2.4 GHz	300 Mbps - 2.4 GHz	867 Mbps - 5 GHz 300 Mbps - 2.4 GHz
	MIMO	• (MU-MIMO)	•	•	•	•	• (MU-MIMO)	•	• (MU-MIMO)	•	•	•
	Antenna type	2 detachable omni-directional	2 detachable omni-directional	Embedded omni-directional	2 detachable omni-directional	2 detachable omni-directional	2 embedded omni-directional	4 embedded omni-directional	3 embedded omni-directional	6 detachable omni-directional	Sector	4 embedded omni-directional
	Antenna gain	4 dBi for 2.4GHz 6 dBi for 5GHz	5 dBi	3 dBi	2 dBi	5 dBi	3 dBi for 2.4GHz 3 dBi for 5GHz	3 dBi for 2.4GHz 4 dBi for 5GHz	3.6 dBi for 2.4GHz 4.2 dBi for 5GHz	4 dBi for 2.4GHz 6 dBi for 5GHz	12 dBi	6 dBi for 2.4GHz 6 dBi for 5GHz
	Power-over-Ethernet (PoE)			• (802.3af)			• (802.3af)	• (802.3af)	• (802.3af)	• (802.3at)	• (proprietary)	• (802.3af)
	Wired interface	1 x Gigabit	1 x Fast Ethernet	1 x Fast Ethernet	1 x Gigabit	1 x Gigabit	1 x Gigabit	1 x Gigabit	1 x Gigabit	2 x Gigabit	2 x Fast Ethernet	2 x Gigabit
	Console port									•		
	Type of housing	Plastic	Plastic	Plastic	Plastic	Metal	Plastic	Plastic	Plastic	Metal	Plastic	Plastic
WIRELESS MODES	Outdoor housing (IP rating)										• (IPX5)	• (IP68)
	Plenum rated (UL-2043)						•			•		
	Access point (AP)	•	•	•	•	•	•	•	•	•	•	•
	WDS with AP	•	•	•	•	•	•	•	•	•	•	•
WIRELESS FEATURES	WDS / bridge	•	•	•	•	•	•	•	•	•	•	•
	Wireless client	•	•	•	•	•	•	•	•	•	•	•
	Maximum number of SSIDs	7	1	8	8	8	16	16	16	16	8	16
	Auto channel selection	•	•	•	•	•	•	•	•	•	•	•
SECURITY	WMM-PS/802.11e (U-APSD)	•	•	•	•	•	•	•	•	•	•	•
	Wi-Fi scheduler	•	•	•	•	•	•	•	•	•	•	•
	AP traffic load balance			•	•	•	•	•	•	•	•	•
	L2 roaming				•	•	•	•	•	•	•	•
SECURITY	WEP 64/128bit		•	•	•	•	•	•	•	•		•
	WPA/WPA2-Personal/Enterprise	•	•	•	•	•	•	•	•	•	•	•
	TKIP/AES encryption	•	•	•	•	•	•	•	•	•	•	•
	WPA/WPA2-PSK over WDS			•	•	•	•	•	•	•	•	•
SECURITY	WLAN partition	•	•	•	•	•	•	•	•	•	•	•
	SSID broadcast disable	•	•	•	•	•	•	•	•	•	•	•
	Rogue AP detection											
	Station isolation	•		•	•	•	•	•	•	•	•	•
NETWORK	MAC address filtering	•	•	•	•	•	•	•	•	•	•	•
	802.1X authentication	•	•	•	•	•	•	•	•	•	•	•
	DHCP server	•		•	•	•	•	•	•	•	•	•
	802.1D STP, IGMP snooping, ARP spoofing, SNTP	• (no ARP spoofing prevention)	SNTP only	•	•	•	•	•	•	•	•	•
MANAGEMENT	IPv6		•	•	•	•	•	•	•	•		•
	WEB	•	•	•	•	•	•	•	•	•	•	•
	SNMP (v1, v2c, v3)			•	•	•	•	•	•	•		•
	CLI, Telnet, SSH			•	•	•	•	•	•	•		•
MANAGEMENT	Syslog	•		•	•	•	•	•	•	•	•	•
	Central management through AP Manager II				•	•			•	•		
	Central management through Central WiFiManager			•	• (H/W ver. B1)	• (H/W ver. B1)	•	•	•	•	•*	•
	Configuration group sync through AP Array			• (up to 32 APs)	• (up to 8 APs)	• (up to 8 APs)	• (up to 32 APs)	• (up to 32 APs)	• (up to 32 APs)	• (up to 8 APs)		• (up to 32 APs)

* Coming soon

➤ Enable small and medium-sized businesses to create a high performance wireless network with enhanced coverage, reliability and security, at a low total cost of ownership.

Central WiFiManager CWM-100

Scalable, Flexible, Centralised AP Management

Manage up to 1000 APs from a single location, complete with a multi-tenant structure that provides multi-layer management authority.

Remote Access made easy

Access Central WiFiManager anytime, anywhere through the Internet by using a web browser on your PC, smartphone or tablet.

Built for Business

Enterprise-level features such as bandwidth optimisation, web authentication (captive portal) and RF optimisation help satisfy the needs of the modern business environment.



Main Features

Web-Based Management

- Software controller that can be installed on a Microsoft Windows computer and accessed through any device with a web browser such as a smartphone, tablet or computer

Multi-Site Management

- Multiple distributed sites can be managed from a central location
- The multi-tenant architecture provides multi-layer management authority

NAT Pass-Through

- Controllers can manage wireless Access Points in remote locations even if they are behind a NAT device (router or firewall)

Captive Portal and Access Control

- Supports local DB, external RADIUS, LDAP, POP3 and Wi-Fi passcode authentication
- Supports user access control

Auto Radio Frequency (RF) Management

- Supports automatic channel and output power optimisation

Bandwidth Optimisation

- Optimises wireless bandwidth

Ideal for

Enterprise

- Administrator can manage and monitor wireless network easily
- Enable captive portal and access control for employee and guest use
- Enable auto RF management, bandwidth optimisation and band steering for better wireless usage



Education

- The CWM-100 server can be implemented in each school or the education authority can manage multiple schools
- Enable captive portal and access control for teacher and student use
- Enable multi-cast rate control and IGMP snooping to improve multi-cast performance



Chain Store

- CWM-100 can be implemented in the head office and then manage each store's wireless network
- Staff can generate Wi-Fi passcodes for guest use
- Enable captive portal, auto RF management, bandwidth optimisation



Managed Wireless Service Provider

- Pre-configure APs before dispatching to customers
- Provide remote management of customer's wireless network and network access
- Service provider can manage all access points whilst allowing individual customers to have certain management rights on their own network



VIDEO SURVEILLANCE



IP Surveillance Solutions – we get security!

When it comes to end-to-end surveillance solutions, D-Link has you covered. From cameras and switches to wireless access points, network video recorders and software, we have everything you need to customise your business or personal security. And we make it really simple, too. With our exclusive Auto Surveillance VLAN technology, D-Link Smart Switches auto-discover IP cameras, create a virtual LAN and prioritise traffic. Simple.

D-Link Video Surveillance options offer:

- 1 Extensive range of indoor and outdoor cameras
- 2 Flexible connectivity option with Wi-Fi and PoE support
- 3 Ability to see the whole picture, in more detail, with cameras supporting up to 5 megapixel resolution and innovative technology such as 180° Wide Eye.
- 4 End-to-end surveillance solutions, include network switches that support surveillance optimised user interface as well as automatic prioritization of surveillance traffic.



The Complete Video Surveillance Solution



Video Surveillance Cameras



Video Management Software



Video Storage



Network Switches









Network Video Recorders



We have everything you need to customise your business or personal security.

VIDEO SURVEILLANCE

		Fixed Cameras Indoor		Pan & Tilt Cameras Indoor		Fixed Cameras Outdoor	
							
HARDWARE FEATURES	MODEL	DCS-932L	DCS-936L	DCS-5000L	DCS-5030L	DCS-2330L	DCS-2670L
	Image Sensor	1/5" VGA progressive scan CMOS	1/4" 1 megapixel progressive scan CMOS	1/5" VGA Progressive scan CMOS	1/4" 1 megapixel Progressive scan CMOS	1/4" 1 megapixel progressive scan CMOS	1/2.7" 2 megapixel progressive scan CMOS
	Maximum Video Resolution (Ratio)	640 x 480	1280 x 720 (16:9)	640 x 480	1280 x 720 (16:9) 640 x 480 (other)	1280 x 720 (16:9) 960 x 720 (other)	1920 x 1080 (16:9)
	Lens	Fixed 5.01 mm, F2.8	Fixed 2.45 mm, F2.4	Fixed 2.2 mm, F2.4	Fixed 2.38 mm, F2.2	Fixed 3.45 mm, F2.0	Fixed 1.5 mm, F2.0
	Minimum Illumination (Lux)	1 Lux (colour) 0 Lux (B&W, IR-LED on)	2.6 Lux (colour) 0 Lux (B&W, IR-LED on)	1 Lux (colour) 0 Lux (B&W, IR-LED on)	1 Lux (colour) 0 Lux (B&W, IR-LED on)	1 Lux (colour) 0.5 Lux (B&W) 0 Lux (B&W, IR-LED on)	0.5 Lux (colour) 0.1 Lux (B&W) 0 Lux (B&W, IR-LED on)
	Infrared-Cut Removable Filter	●	●	●	●	●	●
	IR Built-in	5 m	5 m	8 m	5 m	5 m	10 m
	Angle Of View (H/V/D)	45.3° / 34.5°	112° / 77° / 120°	57° / 42°	94.36° / 59.3°	57.8° / 37.8°	180° / 86° / 180°
	Motorised Pan/Tilt			●	●		
	Pan Range			+170° to -170°	+170° to -170°		
	Tilt Range			+95° to -25°	+90° to -20°		
	Presets			●	●		
	PIR (Passive Infrared) sensor					●	
	Privacy Masks					3 zones	
	Built-in Microphone	●	●	●	●	●	●
	Wireless	802.11b/g/n	802.11b/g/n	802.11b/g/n	802.11b/g/n	802.11b/g/n	802.11b/g/n
	Wi-Fi Signal Locator		●				
	Built-in Wireless Extender (max. 5 clients)						
	Ethernet Port	●		●	●	●	●
	Onboard Storage Card Slot		MicroSD SDHC (max. 32GB)		MicroSD SDHC (max. 32 GB)	MicroSD SDHC (16GB included, max. 32GB)	MicroSD SDXC (max. 128GB)
	Maximum Power Consumption	2.84 W	4 W	4.8 W	5.56 W	5 W	5 W
SOFTWARE FEATURES	Web-browser interface	●	●	●	●	●	●
	Video Format	MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MJPEG	H.264
	Multi-Stream		●	●	●	●	●
	Mobile Stream	●	●		●	●	●
	ONVIF Compliant					●	●
	Digital Zoom	4x	4x	4x	4x	10x	10x
	Motion Detection	●	●	●	●	●	●
	Sound Detection	●	●		●	●	●
	E-Mail Notification	●	●	●	●	●	●
	with Snapshot	●	●	●	●	●	●
	with Video		●	●	●	●	●
	Event Recording to SD card		●		●	●	●
	Event Recording to NAS					●	
	IPv6 Support		●			●	●

VIDEO SURVEILLANCE

Outdoor Bullet



Outdoor Dome

HARDWARE FEATURES	MODEL	DCS-7513	DCS-7517	DCS-6517
	Image Sensor	1/2.8" 2 megapixel WDR progressive scan CMOS	1/2.9" 5 megapixel WDR progressive scan CMOS	1/2.9" 5 megapixel WDR progressive scan CMOS
	Maximum Video Resolution (Ratio)	1920 x 1080 (16:9) 1440 x 1080 (other)	1920 x 1080 (16:9) 2592 x 1944 (other)	1920 x 1080 (16:9) 2560 x 1920 (other)
	Lens	Motorised P-Iris varifocal 2.8 ~ 12 mm, F1.4	Motorised varifocal 2.8 ~ 12 mm, F1.4	Varifocal 2.8 ~ 12 mm, F1.4
	Minimum Illumination (Lux)	0.1 Lux (colour) 0 Lux (B&W, IR-LED on)	0.5 Lux (colour) 0 Lux (B&W, IR-LED on)	0.5 Lux (colour) 0 Lux (B&W, IR-LED on)
	Infrared-Cut Removable Filter	●	●	●
	IR Built-in	30 m Smart IR	30 m Smart IR	20 m Smart IR
	Wide Dynamic Range (WDR)	●	●	●
	Angle Of View (H/V/D)	108°~33° / 57°~19°	75°~24° / 55°~18° / 96°~30°	75°~24° / 55°~18° / 96°~30°
	Gimbal			3-Axis Vertical: 73° / Horizontal 375° / Rotational 90°
	Optical Zoom	3x	4x	4x
	Privacy Masks	3 zones	5 zones	5 zones
	Analogue Output	BNC (with optional DCS-11)	BNC (with optional DCS-11)	BNC (with optional DCS-11)
	Vandal proof			IK10
	2-Way Audio	● (with optional DCS-11)	● (with optional DCS-11)	● (with optional DCS-11)
	External Microphone Input	● (with optional DCS-11)	● (with optional DCS-11)	● (with optional DCS-11)
	External Speaker Output	● (with optional DCS-11)	● (with optional DCS-11)	● (with optional DCS-11)
	Ethernet Port	●	●	●
	PoE	● (802.3af)	● (802.3af)	● (802.3af)
SOFTWARE FEATURES	Digital Input/Output (DI/DO)	1/1 (with optional DCS-11)	1/1 (with optional DCS-11)	1/1 (with optional DCS-11)
	Onboard Storage Card Slot	SD SDHC (max. 128 GB)	MicroSD SDHC (max. 128 GB)	MicroSD SDHC (max. 128 GB)
	Maximum Power Consumption	10 W	10 W	10 W
	Video Format	H.264 MJPEG	H.265 H.264 MJPEG	H.265 H.264 MJPEG
	Multi-Stream	●	●	●
	Mobile Stream	●	●	●
	ONVIF Compliant	●	●	●
	Digital Zoom	10x	10x	10x
	Motion Detection	●	●	●
	Tamper Detection	●	●	●
	E-Mail Notification	●	●	●
	Event Recording to SD Card	●	●	●
	Event Recording to NAS	●	●	●
	IPv6 Support	●	●	●

NVR



MODEL	DNR-312L	DNR-322L	DNR-2020-04P	DNR-4020
Simultaneous Recording	9 channels	16 channels	16 channels	16 channels
Simultaneous Playback	9 channel	1 channel	16 channels	16 channels
Local Display	HDMI		VGA, HDMI	VGA, HDMI
PoE Switch Ports			4 x Fast Ethernet 802.3af PoE	
Uplink Ports			1 x Gigabit Ethernet	1 x Gigabit Ethernet
Number of Disk Drive Bays	1	2	2	2
Maximum Storage Capacity	Up to 8 TB	Up to 16 TB	Up to 16 TB	Up to 24 TB
Live View	●	●	●	●
UPS Support via USB	●	●	●	●
Remote Backup	●	●	●	●
RAID Support		●	●	●
E-Mail Notification	●	●	●	●
Smart Search			●	●
Manual/Continuous Recording	●	●	●	●
Scheduled/Triggered Event Recording	●	●	●	●
3rd party Camera Support	●	●	●	●
mydlink Support	●	●		

DNR-2020-04P JustConnect 16-Channel PoE Network Video Recorder



1 Concurrent Recording and Viewing
Record and view real-time video streams from up to 16 cameras on a local network or remotely over the Internet.

2 Easy Setup and Configuration
Embedded software enables easy setup via a connected monitor and four PoE ports eliminate the need for electrical wiring when adding cameras.

3 No Computer Needed
Standalone solution with two integrated hard disc bays, USB mouse/keyboard support and HDMI/VGA monitor support.

D-ViewCam™

D-Link has its own Video Management Software (VMS), known as D-ViewCam, which is designed to run on industry-standard Windows platforms



D-ViewCam / DCS-100

Bundled free with D-Link network cameras D-ViewCam enables users to centrally manage multiple cameras for home or businesses.

Supporting up to 64 network cameras and up to 64 users, D-ViewCam is compatible with all current D-Link network cameras and video servers, offers digital monitoring and recording with a wide array of features including simultaneous video recording, playback and live view.

D-ViewCam offers scheduled, motion and manual recording. Recorded files can be searched by video type and selected files can be played, edited and converted into AVI or ASF files. The e-map mode allows users to arrange a map with camera locations and orientation, while additional features such as auto-patrol, rotate, zoom, and focus provide optimal control over video surveillance.

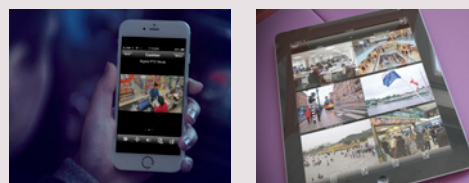
D-ViewCam Plus / DCS-250

The DCS-250 D-ViewCam Plus is comprehensive network camera surveillance software designed for medium-to-large business as well as enterprise users. It centrally manages up to 64 network cameras and is compatible with current D-Link network cameras, video servers and an extensive range of third-party network cameras. This software offers digital monitoring and recording of video, audio, and events for use in various security applications. Furthermore, this easy-to-use surveillance software provides users with a wide array of features, including multiple-channel playback, high-resolution monitoring and live view.

Powerful optional Intelligent Video Surveillance (IVS) packages are available for D-ViewCam Plus, including Presence/Tripwire and Counting IVS packages. The Presence/Tripwire Package (DCS-250-PRE-001-LIC) allows users to set up to 40 zones or lines which detect when an object is inside or is crossing a zone or a line, as well as camera-shake elimination. The Counting Package (DCS-250-COU-001-LIC), allows objects such as people or vehicles to be counted. Both packages provide tamper detection to give users extra peace of mind.

D-ViewCam Mobile

Keep an eye on your surveillance cameras anytime, anywhere with D-Link's D-ViewCam Mobile app. The D-ViewCam Mobile app makes it easy to check on your home or business no matter where you are, no matter what time of day it is.



D-ViewCam Plus IVS Presence License

This license enables video analytics functions to detect when an object is inside or is crossing a zone or a line.

Effective video analytics
Low cost and affordable.
40 detection zones or lines

Precise detection algorithm
Up to 95% accuracy.
No false alarms from falling leaves, rain, snow or camera noise

Save recording space
Recording function triggers only on event, with high-precision detection algorithm which translates to significant savings in storage space

Stabiliser
In environments where camera stability is an issue, this feature compensates for any movement to provide a clear view

Tamper Detection
Detects any event that significantly changes the field of view of the camera, such as loss of focus if the camera has been covered up.

D-ViewCam Plus IVS Counting License

This license enables video analytics functions such as people and vehicle counting, camera stability and tamper detection for the D-ViewCam Plus for one camera. The engine can track, classify, and analyse the behaviour of individuals or a group of objects over long distances to greatly improve parameter security and monitoring efficiency.

- Instant alarm notifications
- Intelligent event search with video
- Intuitive 3D grid calibration
- 40 detection zones and tracks up to 100 targets per camera
- Self-learning algorithm automatically adapts to environment changes

People Counting

- Includes a bi-directional line-crossing filter, suitable for counting people in busy doorways and entrances

Vehicle Counting

- Captures statistics on vehicle flow
- Provides an estimated speed of the vehicle

Tamper Detection

Detects any event that significantly changes the field of view of the camera, such as focus loss or camera being covered up.



VIDEO SURVEILLANCE



It's time for vigilance

The Vigilance Camera range offers professional, full-featured, high-definition video surveillance that is easy to install and highly affordable. The range consists of cameras designed specifically to meet different surveillance and environmental requirements, from standalone surveillance solutions that allow you to record video without additional software or equipment, to weather-/vandal-proof cameras for harsh environments.



The Vigilance Camera range from D-Link offers a wide variety of features including:

Up to 5-Megapixel Resolution

High-definition images allow you to see and capture detailed images that can show revealing characteristics, such as clothing brands or prominent tattoos.

Long-Range Night Vision

Integrated infrared illuminators allow the camera to see up to 30m, even in complete darkness.

Wide Dynamic Range

Effective in contrasting light conditions, giving clear footage from shadowed areas as well as brightly lit spaces.

3D Noise Reduction

Allows the camera to capture clearer videos with less noise under poor lighting conditions.

Ideal when facial or object identification is required.

Low-Light Capability

High-sensitivity camera sensor allows the camera to see details in colour, even in very low light conditions.

Weather-Proof

IP-66 housing designed for use in harsh environments. Specifically built to withstand adverse weather conditions.

Vandal-Proof

Toughened metal, industry-certified IK-10 housing specifically built to withstand sudden high impact.



Power over Ethernet

Power and network connectivity through a single network cable simplifies installation as well as deployment cost. More flexibility where the camera can be deployed as it can be positioned in areas where no power outlet is nearby.

Motion Detection

Able to detect motion, thus triggering recording to on-board or off-board storage space (eg MicroSD card or Network Video Recorder).

Ideal for protecting:

Offices & Shops
Public Spaces
Warehouses
Factories
Hospitals
Schools
Health Centres
Shopping Malls
Business Centres
Train Stations



VIDEO SURVEILLANCE



MODEL	DCS-4603	DCS-4622	DCS-4602EV	DCS-4633EV	DCS-4605EV	DCS-4701E	DCS-4703E	DCS-4705E	DCS-4802E
Model Name	Vigilance Full HD PoE Dome Camera	Vigilance Full HD Panoramic PoE Camera	Vigilance Full HD Outdoor PoE Vandal-Proof Dome Camera	3-Megapixel Outdoor PoE Vandal-Proof Dome Camera	Vigilance 5-Megapixel Outdoor PoE Vandal-Proof Dome Camera	Vigilance Full HD Outdoor PoE Mini Bullet Camera	Vigilance Full HD Outdoor PoE Mini Bullet Camera	Vigilance 5-Megapixel Outdoor PoE Mini Bullet Camera	Vigilance Full HD Outdoor PoE Mini Dome Camera
Indoor/Outdoor	Indoor only	Indoor only	Indoor and Outdoor IP-66	Indoor and Outdoor IP-66	Indoor and Outdoor IP-66	Indoor and Outdoor IP-66	Indoor and Outdoor IP-66	Indoor and Outdoor IP-66	Indoor and Outdoor IP-66
Vandal-Proof			● (IK-10)	● (IK-10)	● (IK-10)				
Image Sensor	1/3"3 megapixel progressive scan CMOS	1/3.2"3 megapixel progressive scan CMOS	1/2.7"2 megapixel progressive scan CMOS	1/3"3 megapixel progressive scan CMOS	1/2.9"5 megapixel progressive scan CMOS	1/2.7"2 megapixel progressive scan CMOS	1/3"3 megapixel progressive scan CMOS	1/2.5"5 megapixel progressive scan CMOS	1/3"2 megapixel progressive scan CMOS
Maximum Video Resolution (Ratio)	1920 x 1080 (16:9) 2048 x 1536 (other)	1920 x 1536 (other)	1920 x 1080 (16:9) 1440 x 1080 (other)	1920 x 1080 (16:9) 2048 x 1536 (other)	2592 x 1440 (16:9) 2560 x 1920 (other)	1920 x 1080 (16:9) 1440 x 1080 (other)	1920 x 1080 (16:9) 2048 x 1536 (other)	2592 x 1440 (16:9) 2560 x 1920 (other)	1920 x 1080 (16:9) 1440 x 1080 (other)
Maximum Frame Rate	Up to 30 fps	Up to 25 fps	Up to 30 fps	Up to 30 fps	Up to 30 fps	Up to 30 fps	Up to 30 fps	Up to 30 fps	Up to 30 fps
Lens	Fixed 2.8 mm, F2.0	Fixed 1.1 mm, F20	Fixed 2.8 mm, F1.8	Fixed 2.8 mm, F1.85	Fixed 2.8 mm, F2.0	Fixed 3.6 mm, F1.8	Fixed 3.6 mm, F1.8	Fixed 2.8 mm, F2.0	Fixed 2.8 mm, F1.8
Minimum Illumination (Lux)	0.5 lux (colour) 0.25 lux (B/W) 0 Lux (B&W, IR-LED on)	0.1 lux (colour) 0.25 lux (B/W) 0 Lux (B&W, IR-LED on)	0.1 lux (colour) 0.05 lux (B/W) 0 Lux (B&W, IR-LED on)	0.01 lux (colour) 0.008 lux (B/W) 0 Lux (B&W, IR-LED on)	0.01 lux (colour) 0.008 lux (B/W) 0 Lux (B&W, IR-LED on)	0.1 lux (colour) 0.05 lux (B/W) 0 Lux (B&W, IR-LED on)	0.2 lux (colour) 0.1 lux (B/W) 0 Lux (B&W, IR-LED on)	0.1 lux (colour) 0.05 lux (B/W) 0 Lux (B&W, IR-LED on)	1.0 lux (colour) 0.5 lux (B/W) 0 Lux (B&W, IR-LED on)
Infrared-Cut Removable Filter	●	●	●	●	●	●	●	●	●
IR Built-in	10 m	8 m	20 m	20 m Smart IR	20 m	30 m	20 m	30 m	30 m
Wide Dynamic Range (WDR)	●	●	●	●	●	●	●	●	●
3D Noise Reduction	●	●	●	●	●	●	●	●	●
LowLight+						●	●	●	
Angle Of View (H/V/D)	84° / 48° / 97°	180° / 180° / 180°	120° / 66° / 140°	105° / 80° / 137°	87° / 65° / 110°	90° / 50° / 104°	70° / 40° / 80°	90° / 50° / 104°	96° / 54° / 108°
Gimbal	3-Axis Vertical: 60° / Horizontal 340° /Rotational 340°	2-Axis Vertical: 60° / Horizontal 340°	2-Axis Vertical: 60° / Horizontal 240°	2-Axis Vertical: 60° / Horizontal 350°	2-Axis Vertical: 60° / Horizontal 240°				3-Axis Vertical: 60° / Horizontal 355° /Rotational 355°
Privacy Masks	3 zones		3 zones	3 zones	3 zones	3 zones	3 zones	3 zones	3 zones
Audio Codec		G.711, AAC							
2-Way Audio		●							
Built-in Microphone		●							
Built-in Speaker		●							
Ethernet Port	●	●	●	●	●	●	●	●	●
802.3af PoE	●	●	●	●	●	●	●	●	●
Onboard Storage Card Slot		MicroSD SDXC (max. 128 GB)	MicroSD SDXC (max. 128 GB)	MicroSD SDXC (max. 128 GB)	MicroSD SDXC (max. 128 GB)				
Maximum Power Consumption	4.2 W	4.6 W	6.6 W	6 W	6 W	3.1 W	6.4 W	6.4 W	5.2 W
Video Format	H.264 MJPEG	H.264 MJPEG	H.265 H.264 MJPEG	H.265 H.264 MJPEG	H.265 H.264 MJPEG	H.265 H.264 MJPEG	H.264 MJPEG	H.265 H.264 MJPEG	H.264 MJPEG
Multi-Stream	●	●	●	●	●	●	●	●	●
ONVIF	●	●	●	●	●	●	●	●	●
Digital Zoom	10x	10x	10x	10x	10x	10x	10x	10x	10x
Motion Detection	●	●	●	●	●	●	●	●	●
E-Mail Notification	●	●	●	●	●	●	●	●	●
Event Recording to SD Card		●	●	●	●				
Event Recording to NAS	●	●	●	●	●	●	●	●	●
IPv6 Support	●	●	●	●	●	●	●	●	●
Compatible Mount Accessories	DCS-37-1, DCS-37-2, DCS-37-3		DCS-37-1, DCS-37-2, DCS-37-3	DCS-37-1, DCS-37-2, DCS-37-3	DCS-37-1, DCS-37-2, DCS-37-3				DCS-37-1, DCS-37-2, DCS-37-3

HARDWARE FEATURES

SOFTWARE FEATURES

VIDEO SURVEILLANCE

Gigabit Smart Managed Surveillance Switches

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

DGS-1100 / 1210 Series

The DGS-1100/1210 Series Gigabit Smart Managed Switches are the world's first PoE switches 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 utilization. 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 DGS-1100/1210 Series switches include support for IEEE 802.3af/at and higher power budgets, allowing more PoE devices to be powered by the switch and for devices to be installed in remote locations without immediate access to power outlets. They offer high PoE power budgets – up to 370W – suitable for powering multiple network cameras.



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



WARRANTY



Industry-Leading 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.



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)
- Modular switches (applies to DXS-3400 and DXS-3600 Series, including expansion modules but excluding fans and power supplies)
- Business Wireless Products and Unified Service routers (excluding external power supplies, excludes SoHo Access Points)

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

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

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



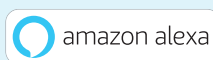
mydlink



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 Compatible with IFTTT (If This, Then That)
- 6 Quick and easy setup with integrated Bluetooth



The mydlink Wi-Fi Smart Plug and Power Strip are versatile and easy-to-use devices that allows you to control an electrical appliance from your smartphone or tablet, wherever you are. You can set automatic schedules to turn on or off appliances such as lamps, heaters or hi-fi at specific times and days of the week. They work with mydlink Smart Home devices¹, Amazon Alexa, the Google Assistant and IFTTT, allowing you to voice-control and set up home automation.



	MODEL	DSP-W115	DSP-W245
HARDWARE	Available socket type	CH/EU/FR/UK	EU
	Number of controllable sockets	1	4
	On device on/off button		
	LED on/off indicator	•	•
	Manual on/off through app	•	•
	Scheduled on/off	•	•
	Energy monitoring		•
	Surge and overheat protection		•
FEATURES	Maximum load	• EU (type F): 3680 W / 16 A • FR (type E): 3680 W / 16 A • UK (type G): 3120 W / 13.5 A • CH (type J): 2400 W / 10 A	• EU (type F): 3680 W / 16 A
	App Support	iOS & Android	iOS & Android
	Amazon Alexa Support	•	•
	Google Assistant Support	•	•
	IFTTT Support	•	•

DCH-S161

The mydlink™ Wi-Fi Water Leak Sensor (DCH-S161) is designed to give you additional peace of mind. Battery-powered means you can install the sensor anywhere to help you detect water leaks before it turns into serious flooding.

If the water sensor is triggered, a 90 dB alarm will sound and an LED will blink to give you audio and visual warnings. Push notifications to your mobile device let you keep tabs on your home on the go.

You can also receive audio alerts from your Google Assistant through the app on your smartphone, smart speakers, or Google Home devices so that you can know about a water leak even if you are too far away to hear the alarm on the water sensor.



Water Detection Alerts
Instant push notification when water is detected



Battery Powered
Lasts up to 1.5 years on 2 AA batteries



Smart Home Compatible
Works with mydlink Smart Home Devices, the Google Assistant and IFTTT

¹ Please visit www.dlink.com for more information on mydlink products that support Smart Home functionality.



DCS-2802KT-EU

The mydlink™ Pro Wire-Free Camera Kit consists of two Wire-Free Cameras (DCS-2800LH-EU) and a Hub (DCS-H100) which are ideal for Small Office/Home Office (SOHO) surveillance applications. The compact Wire-Free Cameras are suitable for day-time and night-time for both indoor and outdoor environments. It features built-in night vision, motion detection, and a free mobile app — so you can feel at ease when you're away from home.

Includes
12 Months
Cloud Recording
Subscription
Worth €49.99
Store unlimited videos for
up to 14 days



100%
Wire-Free



Full HD
1080p
Full HD



Advanced
Motion Detection



IP65
Indoor/Outdoor

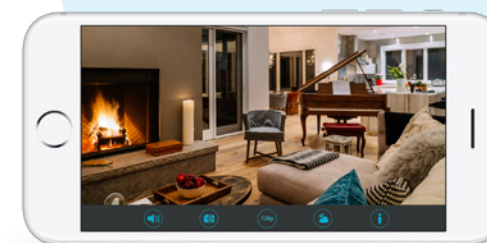
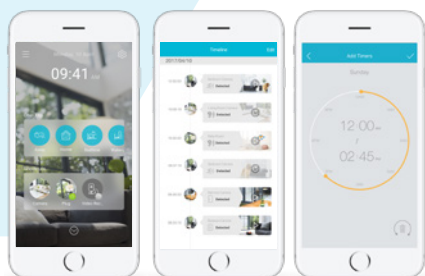


Long-lasting
Rechargeable Battery

MODEL	DCS-8000LH DCS-P6000LH	DCS-8010LH	DCS-8100LH	DCS-8300LH	DCS-8515LH	DCS-8525LH	DCS-8600LH	DCS-2802KT-EU
Indoor/Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor/Outdoor	Indoor/Outdoor
Maximum Video Resolution	720p	720p	720p	1080p	720p	1080p	1080p	1080p
Night vision	•	•	•	•	•	•	•	•
Range	Up to 5 m	Up to 5 m	5 m	5 m	5 m	5 m	7 m	7.5 m
Field Of View (H/V/D)	112° / 54° / 120°	96° / 53° / 120°	180° / 80° / 180°	137° / 71° / 167°	96° / 53° / 120°	98° / 52° / 114°	117° / 59° / 135°	115° / 64° / 140°
Wide Eye Panoramic View			•					
Motorised Pan/Tilt					•	•		
Pan Range					-170° to +170°	-170° to +170°		
Tilt Range					-10° / +95°	-20° / +90°		
Preset positions					•	•		
Auto Motion Tracking					•	•		
Panorama Position Selection					•	•		
2-Way Audio			•	•	•	•	•	•
Built-in Microphone	•	•	•	•	•	•	•	•
Built-in Speaker			•	•	•	•	•	•
PIR Motion Sensor								•
Wireless	802.11g/n	802.11g/n	802.11g/n	802.11b/g/n/ac	802.11b/g/n	802.11b/g/n	802.11b/g/n	Proprietary 866 MHz/2.4GHz
Bluetooth Setup	•	•	•	•			•	
Ethernet Port					•	•		•
Onboard Storage Card Slot		microSD/SDHC/SDXC card	microSD/SDHC/SDXC card	microSD/SDHC/SDXC card	microSD/SDHC/SDXC card	microSD/SDHC/SDXC card	microSD/SDHC/SDXC card	microSD/SDHC/SDXC
Number of cameras supported per hub								4
Optional single unit								DCS-2800LH-EU
App Support	iOS & Android	iOS & Android	iOS & Android	iOS & Android	iOS & Android	iOS & Android	iOS & Android	iOS & Android
Video Recording	Cloud / App	Cloud / microSD / App	Cloud / microSD / App	Cloud / microSD / App	Cloud / microSD / App	Cloud / microSD / App	Cloud / microSD / App	Cloud / microSD / USB / App
Amazon Alexa Support	•	•	•	•	•	•	•	•
Google Assistant Support	•	•	•	•	•	•	•	•
IFTTT Support	•	•	•	•	•	•	•	•
Sound / Motion Detection	•	•	•	•	•	•	•	•

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.



Available on the
App Store

GET IT ON
Google play

COVR



Covr your whole home in seamless Wi-Fi

Introducing Covr, the seamless Wi-Fi solution that's the perfect fit for modern living. It blankets every square inch of your home with high-speed AC1200 Dual-Band Wi-Fi so you have a signal everywhere, wherever you are. With Covr, you enjoy Wi-Fi that's stable, consistent, and truly seamless.



High Performance

With 1,200 Mbps Wi-Fi, MU-MIMO technologies, and 2x3 (Rx) antennae at its core, Covr provides enough speed to support multiple devices undertaking data-intensive tasks simultaneously no matter where they are in the house.



More Coverage

Covr's three discreet Covr Points cover up to 465 sq m – enough seamless Wi-Fi coverage for a wide variety of housing sizes and configurations. Wi-Fi dead zones are now a thing of the past.



One Seamless Network

With Covr, there's just one wireless network name (SSID) for your entire home, no matter where you are, so as you move through the house, your device locks on to the strongest signal.

COVR



Whole Home Mesh Wi-Fi System

Wireless AC



Wireless AC



Wireless AC



MODEL		COVR-C1202*	COVR-C1203	COVR-2202
GENERAL	Coverage aread	Up to 325 m ²	Up to 465 m ²	Up to 550 m ²
	Number of units in pack	2	3	2
WIRELESS	Wireless standard	Wave 2 Wireless AC1200	Wave 2 Wireless AC1200	Wave 2 Wireless AC2200
	Wireless speed	300 Mbps 2.4 GHz 867 Mbps 5 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	400 Mbps 2.4 GHz 867 Mbps 5 GHz x 2
	Dual-band	•	•	
	Tri-band			•
	Smart Steering (automatic selection of optimal Wi-Fi band)	•	•	•
	Smart Roaming	•	•	•
	Multi-User MIMO (MU-MIMO)	•	•	•
BACKHAUL	Dedicated Backhaul			•
	Backhaul technology			Wireless AC 5 GHz @ 867 Mbps
WIRE	LAN speed	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
	Number of LAN ports per unit	2	2	2

MU-MIMO Technology

Like having multiple routers in your home, Multi-User Multi-In-Multi-Out (MU-MIMO) sends data to multiple devices simultaneously to increase speed and efficiency. Your laptop, tablet, media player and game console can all receive data at the same time, with no need to wait in turn. You get more out of your home Wi-Fi network than ever before.



Wi-Fi that Meets Your Needs

Whether it's HD video streaming, video chats, or smart home devices, Covr responds to the need for speed in the modern home as consumers perform more data-intensive tasks on their Wi-Fi connected devices.



Seamless Wi-Fi in Every Corner

Unlike other whole home Wi-Fi systems that use only two receiving antennas, Covr has three to detect and receive more data from all your devices. You enjoy seamless connectivity no matter where you are in the house.

* Not available for UK and Ireland

CONSUMER WIRELESS



Ditch the wires

The plethora of internet-connected devices around the home is now such that a really strong wireless connection is essential. Widespread coverage, strength of signal and bandwidth are all crucial factors that bring home wireless to the fore when connecting smartphones, tablets, computers, smart TVs, gaming consoles smart speakers and a whole host of home security and other smart devices. The D-Link range of consumer wireless devices offers the very latest in wireless tech, including the new Wave 2 standard for uncongested transmission at blazing fast speeds.



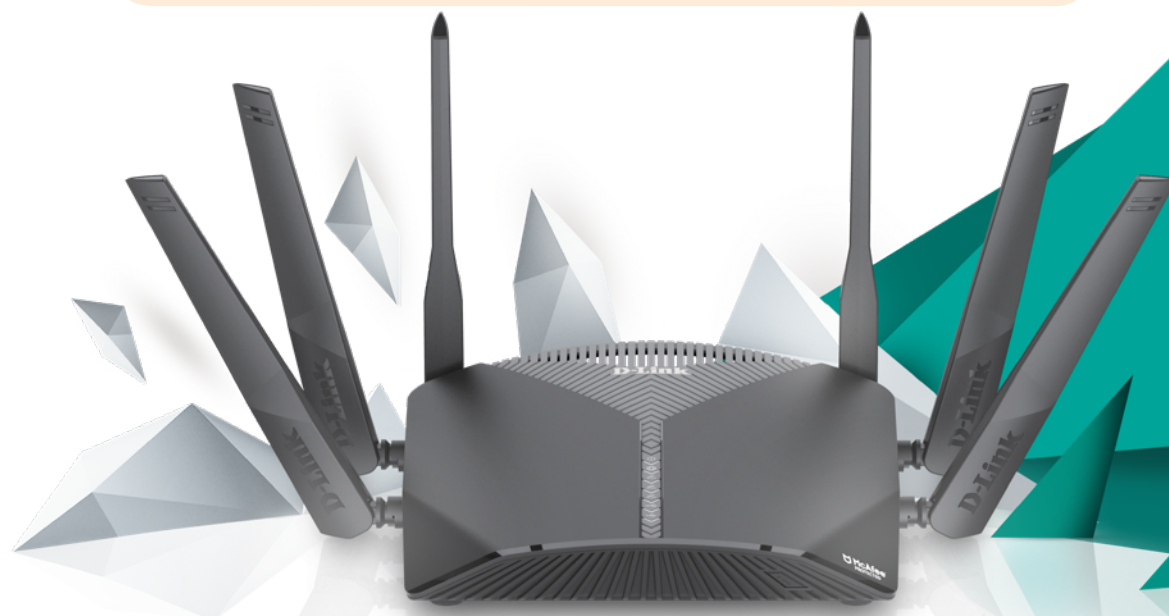
Smart Mesh Wi-Fi Routers

The Smart Mesh Wi-Fi Routers connect you to the future of home Wi-Fi. It's a powerful, intelligent home router featuring McAfee™ protection. This includes McAfee™ Smart Home Platform which provides always-on, up-to-date protection for all the devices connected to the router, as well as powerful parental controls.

What's more, it comes with a 2-year subscription of McAfee™ LiveSafe, providing antivirus, identity and privacy protection for all your PCs, Macs, smartphones and tablets.

Expanding your network cannot be simpler with D-Link Wi-Fi Mesh. Simply add a compatible Wi-Fi mesh extender to create a completely seamless Wi-Fi network.

It even integrates voice assistant compatibility for Amazon Alexa and Google Assistant so you can control your network with voice commands.



CONSUMER WIRELESS

Wi-Fi Routers



MODEL	DIR-605L	DIR-809	DIR-842	DIR-878	DIR-882	DIR-1960	DIR-2660	DIR-3060
Wireless standard	Wireless N300	Wireless AC750	Wireless AC1200	Wave 2 Wireless AC1900	Wave 2 Wireless AC2600	Wave 2 Wireless AC1900	Wave 2 Wireless AC2600	Wave 2 Wireless AC3000
Wireless speed	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz 433 Mbps 5 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	600 Mbps 2.4 GHz 1300 Mbps 5 GHz	800 Mbps 2.4 GHz 1733 Mbps 5 GHz	600 Mbps 2.4 GHz 1300 Mbps 5 GHz	800 Mbps 2.4 GHz 1733 Mbps 5 GHz	400 Mbps 2.4 GHz 866 Mbps 5 GHz 1733 Mbps 5 GHz
Dual-band		•	•	•	•	•	•	•
Tri-band								•
D-Link Wi-Fi Mesh support						•	•	•
SmartConnect band steering				•	•	•	•	•
Multi-User MIMO (MU-MIMO)			•	•	•	•	•	•
Advanced SmartBeam™					•	•	•	•
Wi-Fi Extender Mode						•	•	•
Guest Wi-Fi network			•	•	•	•	•	•
Antennas	External	External	External	External	External	External	External	External
Type of WAN	Fast Ethernet	Fast Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Wired LAN speed	Fast Ethernet	Fast Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Number of LAN ports	4	4	4	4	4	4	4	4
USB port					USB 3.0 x 1, USB 2.0 x 1	USB 3.0 x 1	USB 3.0 x 1, USB 2.0 x 1	USB 3.0 x 1, USB 2.0 x 1
McAfee Smart Home Platform with powerful parental control						•	•	•
McAfee LifeSafe™ anti-virus for PC, Mac, smartphone & tablet						Unlimited installation, 2-year subscription	Unlimited installation, 2-year subscription	Unlimited installation, 2-year subscription
Google Assistance and Amazon Alexa voice control						•	•	•
DLNA certified media server					•	•	•	•

CONSUMER WIRELESS

Wi-Fi Extenders,
Access Points,
Hotspots

Model	DAP-1325 ⁺	DAP-1330 ⁺	DAP-1360	DAP-1365 ⁺	DAP-1610 ⁺	DAP-1620 ⁺	DAP-1665
Wireless standard	Wireless N300	Wireless N300	Wireless N300	Wireless N300	Wireless AC1200	Wave 2 Wireless AC1300	Wireless AC1200
Wireless speed	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz	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	300 Mbps 2.4 GHz 867 Mbps 5 GHz
Dual-band					Yes	Yes	Yes
D-Link Wi-Fi Mesh support						¹	
Operational modes	<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"> • Access point • Wireless Bridge • Wireless Bridge with access point • 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 	<ul style="list-style-type: none"> • Access point • Wireless Bridge • Wireless Bridge with access point • Wi-Fi extender • Wi-Fi client
Antennas	External	Foldable external	External	Foldable external	Foldable external	Foldable external	Detachable external
Wired LAN speed	Fast Ethernet	Fast Ethernet	Fast Ethernet	Fast Ethernet	Fast Ethernet	Gigabit Ethernet	Gigabit Ethernet
Number of LAN ports	1	1	1	1	1	1	1
Passthrough socket				Yes			

¹ H/W version B1 only3G / 4G LTE,
Wi-Fi Adapters

Model	DWA-121	DWA-127	DWA-131	DWA-171	DWA-172	DWA-182	DWA-192	DWA-582	DWM-157	DWM-222
Connection type	Wireless N150	Wireless N150	Wireless N300	Wireless AC600	Wireless AC600	Wireless AC1200	Wireless AC1900	Wireless AC1200	3G HSPA+	4G LTE Cat. 4
Connection speed	150 Mbps 2.4 GHz	150 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	300 Mbps 2.4 GHz 867 Mbps 5 GHz	600 Mbps 2.4 GHz 1300 Mbps 5 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	D/L: 21.6 Mbps U/L: 5.76 Mbps	D/L: 150 Mbps U/L: 50 Mbps
Dual-band						Yes	Yes			
Antennas	Internal	High-gain external	Internal	Internal	High-gain external	Internal	Internal	High-gain external	Internal	Internal
Integrated SIM card slot									Yes	Yes
WPS one button connection	Yes	Yes	Yes	Yes	Yes	Yes	Yes			
Wi-Fi Protected Access support	WPA and WPA2	WPA and WPA2	WPA and WPA2	WPA and WPA2	WPA and WPA2	WPA and WPA2	WPA and WPA2	WEP, WPA and WPA2		
Interface type	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 3.0	USB 3.0	PCIe	USB 2.0	USB 2.0

* Not available for UK and Ireland

CONSUMER WIRELESS

Wi-Fi Modem
Routers

Model	DSL-3785*	DWR-116	DWR-730	DWR-921	DWR-932	DWR-953
Wireless standard	Wireless AC1200	Wireless N300	Wireless N150	Wireless N300	Wireless N300	Wireless AC1200
Wireless speed	300 Mbps 2.4 GHz 867 Mbps 5 GHz	300 Mbps 2.4 GHz	150 Mbps 2.4 GHz	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz
Dual-band	Yes					Yes
Guest Wi-Fi network	Yes					
Antennas	Internal	External	Internal	External	Internal	External
Type of WAN	Gigabit Ethernet or VDSL2 Profile 8b/17a/30a or ADSL2/2+ Annex A D/L: 100 Mbps U/L: 100 Mbps	Fast Ethernet or 3G/4G LTE via USB dongle*	3G HSPA+ D/L: 21.6 Mbps U/L: 5.76 Mbps	Fast Ethernet or 4G LTE Cat. 4 D/L: 150 Mbps U/L: 50 Mbps	4G LTE Cat. 4 D/L: 150 Mbps U/L: 50 Mbps	Gigabit Ethernet or 4G LTE Cat. 4 D/L: 150 Mbps U/L: 50 Mbps
Integrated SIM card slot			Yes	Yes	Yes	Yes
Wired LAN speed	Gigabit Ethernet	Fast Ethernet		Fast Ethernet		Gigabit
Number of LAN ports	4	4		4		4
Fail-safe Internet		Yes		Yes		Yes
USB port	USB 2.0 x 1	USB 2.0 x 1	micro-USB x 1		micro-USB x 1	
SharePort™	Yes					
microSD card slot			Yes			
Battery powered			Yes		Yes	
OLED display			Yes			

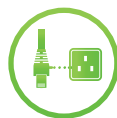
* Not available for UK and Ireland

POWERLINE



No New Wires

Use your electrical wiring to extend your home network to places where you currently have no Internet access as your wireless signal is not strong enough to reach (such as a garage or basement). The super-fast Powerline connection allows you to stream multiple HD movies and music or play online games without lag anywhere in your home. Simply plug one adapter into your existing router to turn any power outlet in your home into an Internet connection and then plug the other adapter into the room you want to extend your connection to.

**ETHERNET TO POWERLINE CONNECTION**

No new wires require. Simply uses your existing electrical wiring to extend your Internet²

**SIMPLY PLUG IN AND GO**

Setup up in seconds with plug and play installation. No technical knowledge needed

**POWERLINE AV TECHNOLOGY**

Fast speeds enable you to stream HD movies without buffering, download faster and play online games with less lag

**DUAL-BAND WI-FI AC1200**

Latest Wireless AC technology provides combined wireless speeds of 1200 Mbps with reduced interference

**PUSH BUTTON SECURITY**

Create a secure network with a touch of a button. Advanced encryption protects your data

**GIGABIT ETHERNET PORT**

With speeds of up to 1000 Mbps¹ to maximise speed and performance

**INTEGRATED PASSTHROUGH SOCKET**

Allows you to continue to use the power socket to power other devices



Model	DHP-601AV*	DHP-P601AV*	DHP-701AV*	DHP-W311AV*	DHP-W611AV*
Package includes	2 x Powerline adapters	2 x Powerline adapters with power passthrough	2 x Powerline adapters	1 x Powerline adapter 1 x Powerline Wi-Fi extender	1 x Powerline adapters with power passthrough 1 x Powerline Wi-Fi extender
Powerline standard	HomePlug AV2	HomePlug AV2	HomePlug AV2.1	HomePlug AV	HomePlug AV2.1
Powerline speed	1000 Mbps	1000 Mbps	1900 Mbps	300 Mbps	1000 Mbps
Powerline MIMO	•	•	•		•
Ethernet port	1 x Gigabit per adapter	1 x Gigabit per adapter	1 x Gigabit per adapter	1 x Fast Ethernet	1 x Gigabit per adapter
Wi-Fi standard				Wireless N300	Dual-band Wireless AC1200
Wi-Fi speed				300 Mbps 2.4 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz

* Not available for UK and Ireland

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*

	REGISTERED D-Link	BRONZE D-Link	SILVER D-Link	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.



Surveillance Floor Planner Pro

A web-based tool designed to make your surveillance project planning easier, the Surveillance Floor Planner Pro enables you to select cameras and simulate camera placement and coverage based on your customer requirements.



Bandwidth Calculator

Network bandwidth and storage requirements are important when designing a surveillance system. The factors include the number of cameras, the image resolution, the compression type and ratio, frame rates and scene complexity.



GUI Emulator Pro

Allows our partners to easily familiarise with the features and functionality of the selected product – ideal for product training for employees, as well as helping you to answer your customers' support queries quickly and efficiently.



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