D-Link®

THE FUTURE OF WI-FI

WI-FI 6

AX1800 MESH WI-FI ROUTER

2021
PRODUCT GUIDE
Fourth Quarter Edition   V1.0

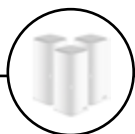# CONTENTS

4G/LTE Mobile Router

Connect from ANYWHERE

Whether you're traveling, out to meetings, or just need another mobile connection. This pocket router will get you connected.

DWR-930M coming soon

GLOBAL BROADBAND
4G/LTE broadband connectivity to keepyou connected

LED DISPLAY
For Battery, SMS and Wi-Fi status as well as Network type

LI-ION BATTERY
Improved 3000 mAh Li-ion battery for longer connectivity

MOBILE WIRELESS DEVICES

	3G	4G LTE			LTE-A	DUAL-SIM
	DWR-730	DWM-222	DWR-930M	DWR-932M/A2	DWR-933	DWR-925W
STATUS			NEW	NEW		
DISPLAY	LCD screen	LED indicators	LED indicators	LCD screen	LED indicators	LED indicators
WIRELESS SPEED	N300	N/A	N300	N300	AC1200	AC1200
BATTERY CAPACITY		N/A	3000mAh	3000mAh	3000mAh	N/A
FREQUENCY BAND	3G: 900/2100	LTE: 3,40 3G: 900/2100	LTE: 3,40 3G: 900/2100	LTE: 3,40 3G: 900/2100	LTE: 3,40 3G: 900/2100	LTE: 3,40 3G: 900/2100
INTERFACE	Wi-Fi router Micro SD	Micro SD	Wi-Fi router Micro SD	Wi-Fi router Micro SD	Wi-Fi router Micro SD	4 x Gigabit LAN 1x Gigabit WAN
USIM SLOT	STD 6 pin SIM	STD 6 pin SIM	Micro SIM	Micro SIM	STD 6 pin SIM	STD 6 pin SIM
ANTENNA TYPE	Internal	Internal	Internal	Internal	Internal	6x Detachable

WHAT'S THE DIFFERENCE BETWEEN LTE & LTE-A?

3G	LTE	LTE-A

Maximum Download Speed		
21.6 Mbps	150 Mbps	300 Mbps

Maximum Upload Speed		
5.76 Mbps	50 Mbps	50 Mbps

LTE ROUTERS

	4G LTE			LTE-A
	DWR-M921	**DWR-M920**	**DWR-M960**	**DWR-M961**
STATUS		NEW		
WIRELESS RATING	N300	N300	AC1200	AC1200
WIRELESS SPEED	300 Mbps	300 Mbps	300 + 867 Mbps	300 + 867 Mbps
FREQUENCY BAND	LTE: 3,40 3G: 900/2100	LTE: 3,40 3G: 900/2100	LTE: 3,40 3G: 900/2100	LTE: 3,40 3G: 900/2100
INTERFACE	4x 10/100 LAN 1x 10/100 WAN	3x 10/100 LAN 1x 10/100 WAN	4x Gigabit LAN 1x Gigabit WAN	4x Gigabit LAN 1x Gigabit WAN
USIM SLOT	STD 6 pin SIM	STD 6 pin SIM	STD 6 pin SIM	STD 6 pin SIM
ANTENNA TYPE	4x Fixed	4x Fixed	4x Fixed	4x Fixed

4G Wireless N300 LTE Router

Fast Mobile Internet

Connect to your 3G/4Gmobile connection with fast downlink speeds of up to 150 Mbps and uplink speeds up to 50 Mbps.

Secure Connections

Industry standard WPA/WPA2 wireless encryption keeps your wireless network secure and your traffic safe.

Why The Wi-Fi 6?

NEXT-GEN SPEEDS
The latest Wi-Fi 6 technology for blazing-fast Wi-Fi

OFDMA
Increased efficiency and lower latency for small data packets

MU-MIMO
Data to and from the device at once

128-BIT WIRELESS ENCRYPTION
The latest in Wi-Fi encryption

BSS COLOURING
Colour codes your data to minimize signal interference from your neighbour's Wi-Fi

TEST INTERNET SPEED
Built-in Internet test powered by Ookla to check your connection uplink and downlink speeds

MESH WI-FI SYSTEMS

	COVR	MESH-ENABLED SMART WI-FI ROUTERS				MESH-ENABLED WIFI 6 ROUTERS		
	COVR-X1873	DIR-825M	DIR-1750	DIR-2640	DIR-3040	DIR-X1560	DIR-X1860	DIR-X5460
STATUS	NEW	NEW	NEW	NEW	NEW			
WIRELESS RATING	AX1800	AC1200	AC1750	AC2600	AC3000	AX1500	AX1800	AX5400
WIRELESS SPEED	574 + 1.2K	300 + 867 Mbps	450 + 1.3K	800 + 1.7K	400 + 866 + 1733	300 + 1.2K	574 + 1.2K	600 + 4.8K
PORT INTERFACE	4x Gigabit LAN 1x Gigabit WAN	4x Gigabit LAN 1x Gigabit WAN	4x Gigabit LAN 1x Gigabit WAN	4x Gigabit LAN 1x Gigabit WAN	4x Gigabit LAN 1x Gigabit WAN	4x Gigabit LAN 1x Gigabit WAN	3x Gigabit LAN 1x Gigabit WAN	4x Gigabit LAN 1x Gigabit WAN
USB PORT	N/A	1x USB 2.0	N/A	USB 3.0 + USB2.0	USB 2.0 + USB 3.0	N/A	N/A	MU-MIMO
FREQUENCY	One Mesh network	2.4 + 5 GHz	MU-MIMO	2.4 + 5 GHz	2.4 + 5 GHz	MU-MIMO	MU-MIMO	USB 2.0 + USB 3.0
ANTENNA TYPE	4x Internal	4x Fixed	4x Fixed	4x Fixed	6x Fixed	4x Fixed	4x Fixed	6x High Gain Detachable

Lightning Fast Wi-Fi 6 Throughout Your Home

The DAP-X1860 is a portable plug-in wireless extender that boosts your existing Wi-Fi 6 network and rids your home of pesky Wi-Fi dead zones once and for all. Place it anywhere in your home and experience high speed Wi-Fi 6 on all your connected devices.

Flexible Mesh Choice for Your Home Network

Pair the DAP-X1860 with a compatible D-Link Wi-Fi Mesh router to create a seamless whole-home network built on industry-standard mesh technology that cleverly shares the same name as your existing network and allows you to enjoy a seamless connection throughout your entire home.

1200 Mbps
5GHz Band

600 Mbps
2.4GHz Band

Dual-Band AX1800
High-speed Wi-Fi 6 for all your browsing, streaming & gaming

D-Link Wi-Fi Mesh
Works seamlessly with other D-Link Wi-Fi Mesh devices

Easy Push-Button Setup
Simply press the WPS button on your Wi-Fi extender

WPA3 Encryption
The latest Wi-Fi security with WPA3 encryption

WIRELESS MESH EXTENDERS

WIRELESS BROADBAND ROUTERS

	AC	WIFI 6		FIBRE HOME			
	DRA-1360	DAP-X1860		DIR-612	DIR-806A	DIR-822/R1	DIR-2150
STATUS		NEW	STATUS				NEW
WIRELESS RATING	AC1300	AX1800	WIRELESS RATING	N300	AC750	AC1200	AC2100
WIRELESS SPEED	400 + 867 Mbps	300 + 1.2K	WIRELESS SPEED	300 Mbps	300 + 433 Mbps	300 + 900 Mbps	300 + 1.7K
PORT INTERFACE	1x Gigabit LAN	1x Gigabit LAN	PORT INTERFACE	4x 10/100 LAN 1x 10/100 WAN	4x 10/100 LAN 1x 10/100 WAN	4x 10/100 LAN 1x 10/100 WAN	4x Gigabit LAN 1x Gigabit WAN
FREQUENCY	2.4 + 5 GHz	2.4 + 5 GHz					
ANTENNA TYPE	2x External	2x Internal	FREQUENCY	2.4 GHz	2.4 + 5 GHz	MU-MIMO	MU-MIMO
MESH COMPATIBILITY*	DIR-1360/ 1760/ 2660/ 3060	DIR-1750/ X5460/ X1860/ X1560	ANTENNA TYPE	2x Fixed	2x Fixed	4x Fixed	4x Fixed

* Mesh compatibility is model and hardware dependent

VOICE SOLUTIONS

	3G	4G LTE		4G ROUTER WITH SIP VOIP, VOLTE, CS & FAX		
	DWR-720PW (T2)	**DWR-920PW**		**DWR-956M**		
						The DWR-956M provides Voice over IP technology and is compatible with industry-wide phone services so you can make and receive calls reliably. Use the FXS phone port on the DWR-956M to connect an ordinary phone set for your VoIP phone calls.
STATUS			**STATUS**			
DISPLAY	LCD screen	LCD screen	**WIRELESS RATING**	AC1200	300 + 867 Mbps	
WIRELESS SPEED	N300	N300	**FREQUENCY BAND**	LTE: 3,40 3G: 900/2100	Built-in SIM card slot	
FREQUENCY BAND	3G: 900/2100	LTE: 3,40 3G: 900/2100	**INTERFACE**	4x Gigabit LAN 1x Gigabit WAN	1x FXP port	
USIM SLOT	STD 6 pin SIM	STD 6 pin SIM				
ANTENNA TYPE	1x Detachable	1x Detachable	**ANTENNA TYPE**	2x 5dBi Fixed Wi-Fi	2x 5dBi Detachable LTE	

DSL ROUTERS

|	ADSL	VDSL BROADBAND	
	DSL-124	**DSL-224**	**DSL-G2452DG**
STATUS			NEW
WIRELESS RATING	N300	N300	AC1200
WIRELESS SPEED	300 Mbps	300 Mbps	300 + 866 Mbps
PORT INTERFACE	4x 10/100 LAN 1x 10/100 EWAN 1x RJ-11 DSL	4x 10/100 LAN 1x 10/100 EWAN 1x RJ-11 DSL	4x Gigabit LAN 1x Gigabit WAN 1x RJ-11 DSL
USB PORT	N/A	N/A	1x USB 2.0, 1x USB 3.0
ANTENNA TYPE	2x Fixed	2x 5dBi Fixed	2x 5dBi Detachable

Multiple Failover Redundancy

The DSL-G2452DG comes with a built-in high-speed VDSL/ADSL modem, and is equipped with a Gigabit Ethernet WAN port for Fibre connectivity, as well as a USB port which supports a 3G/4G mobile broadband dongle.

Multiple Gigabit Ports

Gigabit Ethernet ports provide high-speed wired connections for up to four PCs or other devices. It's stylish, easy to use, and provide you with a reliable network for today and into the future.
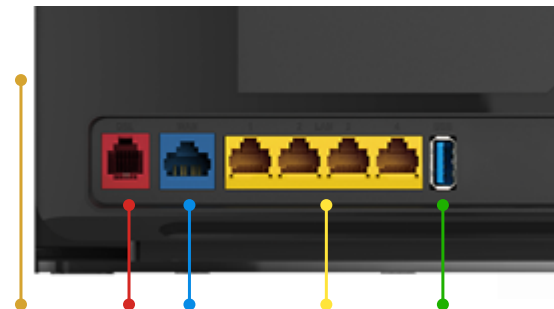
- One RJ-11 xDSL Port
- One 10/100/1000 Gigabit WAN port
- Four 10/100/1000 Gigabit LAN Ports
- One USB 3.0 Port
- One USB 2.0 Port

Multi-Tenant and Role-Based Administration

Traffic Reporting and Analytics

Free-to-Download Network Management Software

Remote Config and Batch Config

Authentication via Customizable Captive Portal 802.1x and RADIUS Server, POP3, LDAP, AD

License-Free Management of up to 1,000 Access Points

Searchable and Auditable Event and Change Logs

Intuitive Interface

Nuclias Connect

Download on the App Store

GET IT ON Google Play

RANGE EXTENDERS

NUCLIAS CONNECT HUB

	WIRELESS N	WIRELESS AC			HUB	SOFTWARE
	DAP-1325	DAP-1530	DAP-1610		DNH-100	DNC-100
STATUS				STATUS	NEW	NEW
WIRELESS RATING	N300	AC750	AC1200	PORT INTERFACE	1x Gigabit, 1x Console, 1x USB 3.0, 1x MicroSD	Free network management software includes traffic reporting, analytics, captive portal, RADIUS Server, Payment gateway integration, local or remote management options
WIRELESS SPEED	300 Mbps	300 + 433 Mbps	300 + 867 Mbps			
PORT INTERFACE	1x 10/100 LAN	1x 10/100 LAN	1x 10/100 LAN			
FREQUENCY	2.4 GHz	2.4 + 5 GHz	2.4 + 5 GHz			
MULTIPLE SSID	No	Up to 2 SSID	Up to 2 SSID	RACK MOUNTABLE	✓	
MAX TX POWER*	14dBm	19dBm	19dBm	APP SUPPORT	✓	
ANTENNA TYPE	2x External	2x External	2x External	APS SUPPORTED	100	1000

*Output power will vary according to individual country regulation

Geared towards bigger businesses and enterprises, it can be installed on a local server for dedicated privacy, or hosted on a secure private cloud service.

nuclias connect

ACCESS POINTS

AX	WIRELESS AC						WIRELESS AX	
	INDOOR				NUCLIAS CONNECT		INDOOR	
	DAP-1665	DAP-2610	DAP-2682	DAP-2662	DAP-2620	DAP-2622	DAP-X2810	DAP-X2850
STATUS			NEW	NEW	NEW	NEW	COMING	NEW
WIRELESS RATING	AC1200	AC1300 (Wave 2)	AC2300 (Wave 2)	AC1200 (Wave 2)	AC1200 (Wave 2)	AC1200 (Wave 2)	AX1800	AX3600
WIRELESS SPEED	300 + 867 Mbps	400 + 900 Mbps	600 + 1.7K Mbps	300 + 867 Mbps	300 + 867 Mbps	300 + 867 Mbps	574 + 1.2K	600 +3K
PORT INTERFACE	1x Gigabit WAN	1x Gigabit PoE	2x Gigabit (PoE)	1x Gigabit (PoE)	1x Gigabit PoE	3x Gigabit (2x PoE)	1x Gigabit PoE	1x 2.5GE PoE + 1x GE
FREQUENCY	2.4 GHz + 5 GHz	2.4 GHz + 5 GHz	2.4 + 5 GHz	2.4 + 5 GHz	2x2 MIMO	2.4 + 5 GHz	2.4 + 5 GHz	2.4 GHz or 5 GHz
MULTIPLE SSID	Up to 8 SSID	Up to 8 VLANs	Up to 8 SSID	Up to 8 SSID	Up to 8 SSID	Up to 8 SSID	Up to 8 SSID	Up to 8 VLANs
MAX TX POWER*	2.4GHz: 25dBm 5GHz: 21dBm	2.4GHz: 20dBm 5GHz: 20dBm	2.4GHz: 28dBm 5GHz: 28dBm	2.4GHz: 26dBm 5GHz: 26dBm	2.4GHz: 20dBm 5GHz: 20dBm	2.4GHz: 20dBm 5GHz: 20dBm	-	2.4GHz: 23dBm 5GHz: 23dBm
ANTENNA TYPE	2x 2dBi External	2x 3dBi Internal	2x 4/5dBi Internal	4x 4dBi Internal	2x Internal	2x Internal	2x Internal	4x4 Internal
HOUSING	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic

*Output power will vary according to individual country regulation

	nuclias cloud	nuclias connect
Controller Type	Cloud-Based	Local-Based
Scalability (Standard)	Unlimited	Software Controller - up to 1000 APs Hardware Controller - 100 for Nuclias Hub
Solution Scope	Complete Solution including APs, Switches Gateway, and surveillance Cameras (TBC)	Customizable Software Controller with AP and hub
Legacy Device Compatibility	No	Yes (Selected Devices)
Ease of Deployment	Zero-Touch	Desktop-based Configuration
App	Tablet	IOS and Android
Technical Expertise Required	Low	Low to Moderate

- Unlimited Scalability
- Traffic Reporting and Analytics
- Zero Touch Deployment
- Over-the-Air Firmware Upgrades
- Cloud Multisite Management
- Role-Based Administration
- Intuitive Interface
- End to End Encryption

ACCESS POINTS

|	WIRELESS N			WIRELESS AC	
	INDOOR			OUTDOOR	
	DAP-1360	DAP-2230	DAP-2360	DAP-F3704-I	DAP-3666
STATUS				NEW	
WIRELESS RATING	N300	N300	N300	N300	AC1200 (Wave 2)
WIRELESS SPEED	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 + 867 Mbps
PORT INTERFACE	1x 10/100 LAN	1x 10/100 PoE	1x Gigabit PoE	2x 10/100 LAN (1x LAN/PoE)	2x Gigabit (1x PoE)
FREQUENCY	2.4 GHz	2.4 GHz	2.4 GHz	5 GHz	2.4 + 5 GHz
MULTIPLE SSID	No	No	Up to 8 SSID	Up to 8 SSID	Up to 8 SSID
MAX TX POWER*	20dBm	28dBm	27dBm	24dBm	2.4GHz: 26dBm 5GHz: 26dBm
ANTENNA TYPE	2x 2dBi Detachable	2x 3dBi internal	2x 5dBi Detachable	10 dBi High gain	4x 7/6dBi Internal
HOUSING	Plastic	Plastic	Metal Plenum	UV Stabilized Plastic (IP65)	IP68

Nuclias Cloud was specially designed for small businesses needing a solution that is ready to go, without in-house IT expertise.

NUCLIAS CLOUD

	WIRELESS AX		WIRELESS AC					LICENSES
	INDOOR					OUTDOOR		1 - 5 YEARS
	DBA-X2830P	DBA-X1230P	DBA-2820P	DBA-1520P	DBA-1210P	DBA-3620P	DBA-3621P	DBA-WW-LIC
STATUS	NEW	NEW	NEW	NEW		NEW	NEW	NEW
WIRELESS RATING	AX3600	AX1800	AC2500 (Wave 2)	AC1750 (Wave 2)	AC1200 (Wave 2)	AC1300 (Wave 2)	AC1300 (Wave 2)	
WIRELESS SPEED	300 + 867 Mbps	575 + 1.2K	800 + 1.7K	300 + 900 Mbps	300 + 867 Mbps	400 + 867 Mbps	400 + 867 Mbps	
PORT INTERFACE	1x 2.5GE, 1x GE	1x Gigabit PoE	2x Gigabit (1x PoE)	1x Gigabit PoE	1x Gigabit PoE	1x Gigabit PoE	1x Gigabit PoE	Nuclias Access Point License code
FREQUENCY	2.4 GHz + 5 GHz	2.4 GHz + 5 GHz	2.4 GHz + 5 GHz	2.4 GHz or 5 GHz	2x2 MU-MIMO	2.4 + 5 GHz	2.4 + 5 GHz	
MULTIPLE SSID	Up to 16 SSID	Up to 16 SSID	Up to 16 SSID	Up to 16 SSID	Up to 16 per device	Up to 32 SSID	Up to 32 SSID	Product Type: Software Licensing
MAX TX POWER*	2.4GHz: 29dBm 5GHz: 28dBm	2.4GHz: 20dBm 5GHz: 23dBm	2.4GHz: 26dBm 5GHz: 26dBm	2.4GHz: 22dBm 5GHz: 21dBm	2.4GHz: 20dBm 5GHz: 20dBm	2.4GHz: 26dBm 5GHz: 26dBm	2.4GHz: 28dBm 5GHz: 28dBm	
ANTENNA TYPE	4x4 3/4dBi External	2x2 3/4dBi Internal	2x 3/4dBi Internal	2x 4/5dBi Internal	2x2 Internal	2x 3.5/5dBi Internal	2x 3.5/5dBi Internal	
HOUSING	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic (IP55)	Plastic (IP65)	

*Output power will vary according to individual country regulation
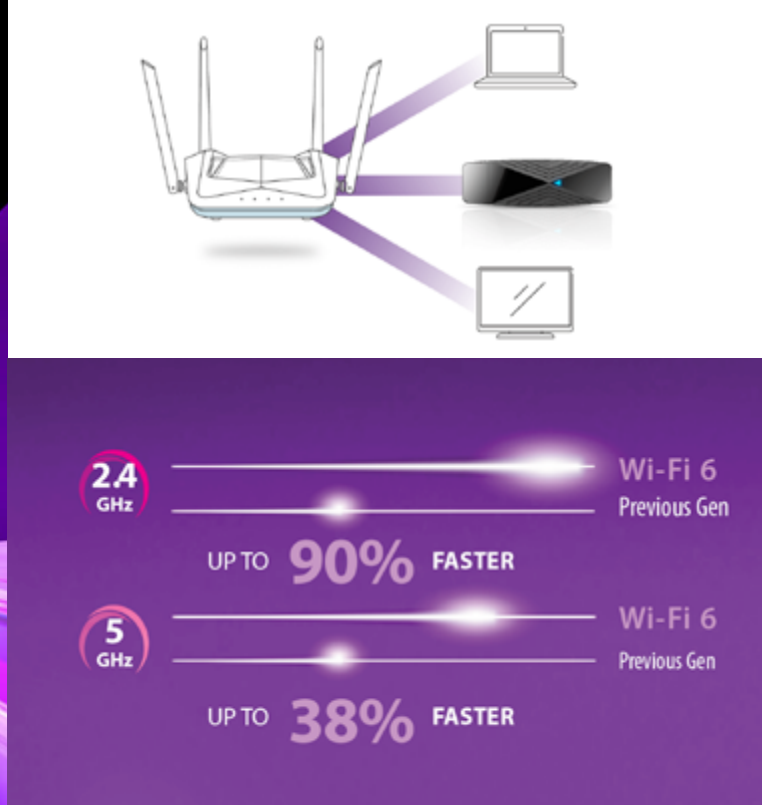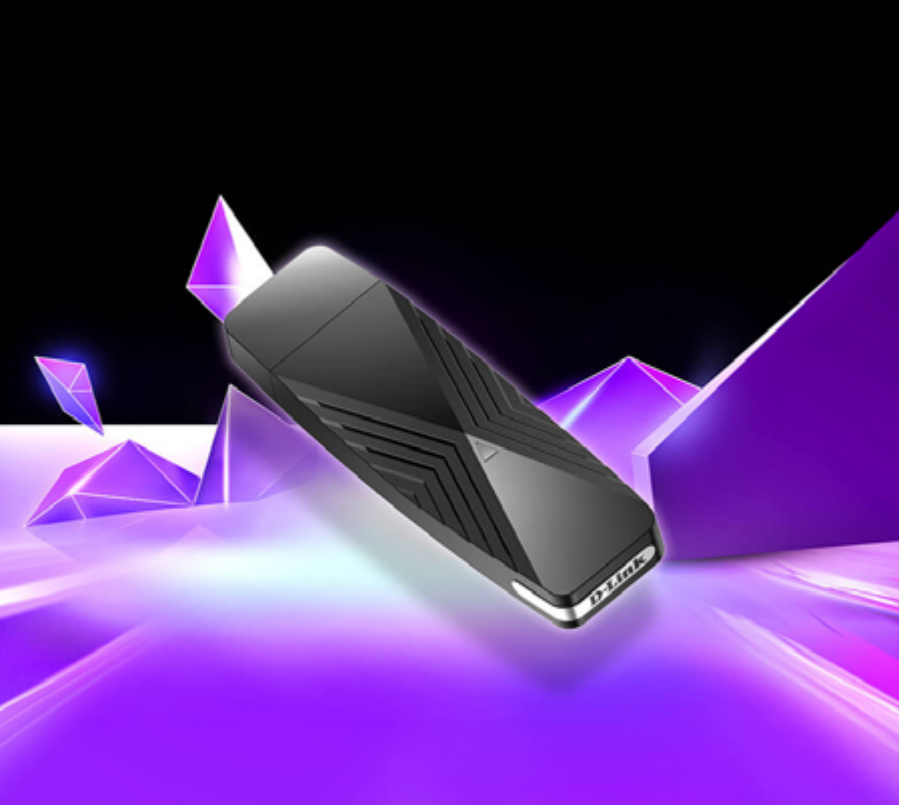
Wi-Fi 6 Performance
Perfect for uninterrupted 4K streaming and VR gaming

OFDMA
OFDMA technology designed to handle device-dense networks

MU-MIMO
MU-MIMO allows simultaneous between multiple devices

AX1800 Speeds
Up to 574 Mbps (2.4 GHz) / 1200 Mbps (5 GHz)

WPA3 Encryption
The latest Wi-Fi security with WPA3 encryption

2.4 GHz — Wi-Fi 6 / Previous Gen — UP TO **90%** FASTER

5 GHz — Wi-Fi 6 / Previous Gen — UP TO **38%** FASTER

WIRELESS ADAPTERS

	WIRELESS N		WIRELESS AC					WIRELESS AX	
	DWA-121	DWA-131	DWA-171	DWA-172	DWA-182	DWA-185	DWA-582	DWA-X1850	DWA-X582
STATUS	NEW			NEW				NEW	
WIRELESS RATING	N150	N300	AC750	AC600	AC1300	AC1200	AC1200	AX1850	AX3000
WIRELESS SPEED	150 Mbps	300 Mbps	300 + 433 Mbps	150 + 433 Mbps	300 + 867 Mbps	300 + 867 Mbps	300 + 867 Mbps	574 + 1.2 K	400 + 867 + 1.7 K
INTERFACE	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 3.0	USB 3.0	PCI card	USB 3.0	PCI card
FREQUENCY	2.4 GHz	2.4 GHz	2.4 + 5 GHz	2.4 + 5 GHz	2.4 + 5 GHz	2.4 + 5 GHz	2.4 + 5 GHz	2.4 + 5 GHz	2.4 + 5 GHz

USB HUBS

	USB 2.0		USB 3.0		ETHERNET			MULTI MEDIA			
	DUB-H4	**DUB-H7**	**DUB-1340**	**DUB-1370**	**DUB-E100**	**DUB-E130**	**DUB-E250**	**DUB-V120**	**DUB-V210**	**DUB-M530**	**DUB-M910**
STATUS						NEW	NEW				
INTERFACE	4x USB 2.0 (4x Fast charge port)	7x USB 2.0 (1x Fast charge port)	4x USB 3.0 (1x Fast charge port)	7x USB 3.0 (1x Fast charge port)	1x USB Type A to 10/100 Port	1x USB Type C to Gigabit RJ-45 Port	1x USB Type C to 2.5 GE RJ-45 Port	USB Type C to HDMI adapter	USB Type C to HDMI/VGA adapter	USB Type C to 2x USB 3.0, HDMI, SD/ microSD card reader	USB Type C to 2x USB 3.0, 2x Type C ports, HDMI, VGA, Ethernet, SD/ MicroSD Card reader
POWER INPUT	BUS power	5V / 3A DC	BUS power	BUS power	BUS power	BUS power	N/A	BUS power	BUS power	BUS power	BUS power

NETWORK PCI CARDS

	WIRED		
	GIGABIT	*2.5 GIGABIT*	*10GE*
	DGE-528T	**DGE-562T**	**DXE-820T**
STATUS		NEW	
PORT INTERFACE	1x Gigabit	1x 2.5 Gigabit	2x 10GE (RJ-45)
STANDARD	Gigabit Base-T	2.5GE Base-T	10GE Base-T
PCI-EXPRESS	N/A	x1 slot	x8/x16 slot
THROUGHPUT	Up to 2 Gbps	TBA	Up to 40 Gbps

POWERLINE

|	WIRED
	DHP-346AV
STATUS	
PORT INTERFACE	4x 10/100
WIRELESS IEEE	N/A
POWERLINE DATA RATE	AV200

DGS-F1210 Series

Power Over Ethernet

Long range PoE+ suitable for devices that are far from power outlets or when users want to minimize the clutter of extra cables as power is supplied via the Ethernet cables themselves.

VLANs: Stronger Security & Better Traffic Management

Relatively easy to set up, VLANs can be a big boon for your network. They can isolate sensitive areas of your network, keeping them safe from those with malicious intent, or keeping bandwidth open for latency-sensitive traffic such as VoIP.

FOR SURVEILLANCE

FOR VOICE
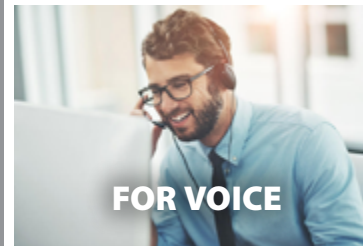
POE+ Power Over Ethernet
Supports both IEEE 802.3at and IEEE 802.3af PoE protocol

250m Long Range PoE
Maximum distance of 250m for longer range deployment

Gigabit Ethernet Speeds
Take your Ethernet speeds to the next level with Gigabit

EASYSMART / WEBSMART / SMARTPRO SWITCHES

		GIGABIT						2.5 GE	10 GE
	EASYSMART		*WEBSMART*			*SMART*	*SMART PRO*	*EASY SMART*	*WEB SMART*
	DGS-1100 SERIES	**DGS-1100MP SERIES**	**DGS-F1210 SERIES***	**DGS-1210 SERIES**	**DGS-1210MPP SERIES**	**DGS-1250 SERIES**	**DGS-1510 SERIES**	**DMS-1100 SERIES**	**DXS-1210 SERIES**
STATUS			NEW					NEW	
INTERFACE	5/8/12/16/24 x GE 2 x SFP	8/24 x GE PoE 2 x SFP	16/24 x GE PoE 2 x SFP	8/16/48 x GE 2/4 x SFP	48 x Gigabit 4 x SFP	24/48 x Gigabit 4x 10G SFP+	16/24/48 x GE 2 x GE SFP 2/4 x 10G SFP+	8 x 2.5 GE PoE+ 2 x SFP+	8/10 x 10GE, SFP+ 2 x SFP+ 2 x 10G/SFP+
SWITCHING CAPACITY	Up to 52 Gbps	Up to 52 Gbps	Up to 52 Gbps	Up to 104 Gbps	Up to 104 Gbps	Up to 176 Gbps	Up to 176 Gbps	Up to 80 Gbps	Up to 240 Gbps
MAX FORWARDING RATE	Up to 38.69 Mpps	Up to 38.69 Mpps	Up to 38.69 Mpps	Up to 77.4 Mpps	Up to 77.4 Mpps	Up to 130.9 Mpps	Up to 130.9 Mpps	Up to 59.5 Mpps	Up to 178 Mpps
POE CAPABLE PORTS	2 / 8 / 12 / 24	8 / 24	16 / 24	8 / 24	48	24/48	24/48	8	N/A
POE BUDGET	Up to 370 Watts	Up to 518 Watts	Up to 250 Watts	Up to 370 Watts	Up to 740 Watts	Up to 370 Watts	Up to 740 Watts**	Up to 240 Watts	N/A
POE SUPPLY PER PORT	Up to 30 Watts	Up to 75 Watts	Up to 30 Watts	Up to 30 Watts	802.3af & 802.3at	Up to 15.4 Watts	Up to 30 Watts	Up to 30 Watts	N/A
RACK MOUNTABLE	✓	✓	X	✓	✓	✓	✓	✓	✓

* Long range PoE+ supports a maximum distance of up to 250m in extend mode

** With optional redundant Power Supply Supported by DGS-3420-28PC/52P and DGS-1510-52XMP DPS-700; 370W PoE Power Budget

***Required Accessory: 4x M6220-FAN-F, 2x RG-M6220-AC460E-F

Comprehensive Security

The DGS-3130 Series gives your network the protection it deserves with leading edge security features that handle treats effectively. With built-in IP-MAC-Port Binding, the switches allow administrators to enhance user access control.

Slash Your Network Downtime

The DGS-3130 Series gives enterprises and organisations a highly reliable network, allowing for maximum business continuity. It has a built-in G.8032 Ring Protection Switching (ERPR) to help minimize recovery times to 50ms

Manage Network Traffic in a Whole New Way

The DGS-3130 Series implements a rich set of multi-layer QoS/CoS features to prioritize critical network services such as VoIP, video conferences, IPTV, and IP surveillance. With robust features including Traffic Shaping, L2 Multi-cast, Host-based IGMP/MLD Snooping and ISM VLAN, administrators get a whole new way to manage their traffic that fits their needs.

DGS-3130 Series

L2/L3 MANAGED SWITCHES

	GIGABIT						40 GE		100 GE
	INDUSTRIAL	L2 MANAGED		XSTACK			CORE SWITCHES		DATA CENTER
	DIS-200G SERIES	DGS-3000 METRO SERIES	DGS-3130 SERIES	DGS-3420 SERIES	DGS-3630 SERIES		RG-S5750 SERIES	RG-S6220 SERIES	DQS-5000-32Q28
STATUS									NEW
INTERFACE	8/10 x GE 2 x SFP 1x RJ45 Console	8/16/24/48 x GE 2/4 x SFP/SFP+	24/48 x SFP **or** 20/24 x GE 2/4 x GE/SFP **or** 2/4 x 10G SFP+	20 x SFP **or** 48 x GE 4 x GE/SFP 4 x SFP+	20 x SFP **or** 20/48 x GE 4 x 10GE/SFP 4 x 10G SFP+		24/48 x GE 2 x Extension Slot*** (optional 10GE module/slot)	24/48 x 10GE SFP+ 4x 40G QSFP+, expansion, power, fan slot***	32x 100G QSFP 1x USB 2.0
SWITCHING CAPACITY	Up to 24 Gbps	Up to 176 Gbps	Up to 88 Gbps	Up to 176 Gbps	Up to 176 Gbps		Up to 256 Gbps	Up to 1.28 Tbps	UP TO 6.4 Tbps
FLASH MEMORY	32 MB	32 MB	32 MB	128 MB NOR	1 GB		-	-	16 MB
MAX FORWARDING RATE	Up to 17.85 Mpps	Up to 130.9 Mpps	Up to 65.48 Mpps	Up to 130.9 Mpps	Up to 130.9 Mpps		Up to 132 Mpps	Up to 960 Mpps	2,980 Mpps
POE CAPABLE PORTS	8	24	20	20/48	-		-	-	-
POE BUDGET	Up to 240 Watts	Up to 370 Watts	Up to 740 Watts	Up to 740 Watts**	-		-	-	-
POE SUPPLY PER PORT	Up to 30 Watts	Up to 30 Watts	802.3af & 802.3at	802.3af & 802.3at	-		-	-	-
RACK MOUNTABLE	DIN rail/wall/rack	✓	✓	✓	✓		✓	✓	✓

FIBRE TRANSCEIVERS

		GIGABIT WDM		10G XFP		10G WDM	INDUSTRIAL FIBRE TRANSCEIVER		
		DEM-330R	DEM-330T	DEM-422XT	DEM-433XT	DEM-436XT-BXD	DIS-S301/2SX	DIS-S330EX	DIS-S380ZX
STATUS						NEW			
FIBRE MODE		Single	Single	Multi	Single	Multi	Multi	Single	Single
CONNECTOR INTERFACE		Simplex LC	Simplex LC	Duplex LC	Duplex LC	Simplex LC	Duplex LC	Duplex LC	Duplex LC
DISTANCE		10KM	10KM	10KM	40KM	20KM	550M / 2KM	30KM	80KM
SPEED		1,25 Gbps	1,25 Gbps	10 Gbps	10 Gbps	10 Gbps	1 Gbps	1 Gbps	1 Gbps
WAVELENGTH		1310 nm/1550 nm	1550 nm/1310 nm	1310 nm	1550 nm	1330/1270 nm	850/1310 nm	1310 nm	1550 nm
SINGLE/BI DIRECTION		WDM Bi	WDM Bi	Single	Single	WDM Bi	Single	Single	Single

	GIGABIT SFP						10G SFP+		
	DEM-310GT	DEM-311GT	DEM-312GT2	DEM-314GT	DEM-315GT	DGS-712	DEM-431XT	DEM-432XT	DEM-435XT
STATUS									
FIBRE MODE	Single	Multi	Multi	Single	Single	N/A	Multi	Single	Multi
CONNECTOR INTERFACE	Duplex LC	Duplex LC	Duplex LC	Simplex LC	Simplex LC	RJ45	Duplex LC	Duplex LC	Duplex LC
DISTANCE	10KM	550M	500M	50KM	80KM	100M	300M	10KM	220M
SPEED	1.25 Gbps	1 Gbps	1 Gbps	1,25 Gbps	1 Gbps	1 Gbps	10 Gbps	10 Gbps	10 Gbps
WAVELENGTH	1310 nm	850 nm	1310 nm	1550 nm	1550 nm	N/A	850 nm	1310 nm	1310 nm
SINGLE/BI DIRECTION	Single	Single	Single	WDM Bi	WDM Bi	N/A	Single	Single	Single

FIBRE TRANSCEIVERS

	CHASSIS	FIBRE MEDIA CONVERTERS							
	DMC-1000	DMC-300MSC	DMC-300MSC-2	DMC-520SSC	DMC-700MSC	DMC-805G	DMC-810SSC	DMC-820SSC	DMC-840SSC
STATUS			NEW					NEW	NEW
FIBRE MODE	This 16-slot chassis provides 19-inch STD rack mount housing for converters, power and RPS	Multi	Multi	Single	Multi	N/A	Single	Single	Single
CONNECTOR INTERFACE		SC	SC	SC	SC	SFP	SC	SC	SC
DISTANCE		2KM	2KM	20KM	550M	N/A	10KM	20KM	40KM
SPEED		100 Mbps	100 Mbps	100 Mbps	1 Gbps	1 Gbps	1 Gbps	1 Gbps	1 Gbps
WAVELENGTH		1310 nm	1310 nm	1310 nm	850 nm	N/A	1310 nm	1310 nm	1310 nm

STACKING CABLES

	10G SFP+				40G QSFP+			120G CXP
	DEM-CB50	DEM-CB300CX	DEM-CB100S	DEM-CB300S	DEM-CB100QXS	DEM-CB300QXS	DEM-CB100QXS-4XS	DEM-CB50CXP
STATUS								
SWITCH ACCESSORY	DGS-3120 series	DGS-3400/3600	DGS-3420/3620 Series		DXS-3600/5000 Series & DQS-5000 Series			DXS-3600-32S
LENGTH	50CM	3M	1M	3M	1M	3M	1M	50CM
SPEED	10 Gbps	10 Gbps	10 Gbps	10 Gbps	40 Gbps	40 Gbps	40 Gbps	120 Gbps

UNMANAGED GIGABIT SWITCHES

	INDUSTRIAL	10/100/1000 GIGABIT ETHERNET							2.5 GE
	DIS-100G-5W/5SW	DGS-1005A	DGS-108	DGS-1008A	DGS-1016A	DGS-1016D/C	DGS-1016S	DGS-1024D	DMS-106XT
STATUS							NEW		NEW
PORT INTERFACE	5x GE / 4 GE + 1SFP	5x Gigabit	8x Gigabit	8x Gigabit	16x Gigabit	16x Gigabit	16x Gigabit	24x Gigabit	5x 2.5 Gigabit 1x 10 Gigabit
SWITCHING CAPACITY	10 Gbps	10 Gbps	16 Gbps	16 Gbps	32 Gbps	32 Gbps	32 Gbps	48 Gbps	45 Gbps
RAM BUFFER	128 KB	128 KB	192 KB	192 KB	512 KB	512 KB	512 KB	512 KB	1 MB
JUMBO FRAMES	9000 Bytes	9216 Bytes	9720 Bytes	9720 Bytes	9216 Bytes	9216 Bytes	9216 Bytes	9600 Bytes	9728 Bytes
RACK MOUNTABLE	-	-	-	-	-	✓	-	✓	-

UNMANAGED FAST ETHERNET SWITCHES

	10/100 FAST ETHERNET					
	DES-1005C	DES-1008C	DES-1016A	DES-1016D	DES-1024D	DES-1050G
STATUS	NEW	NEW				
PORT INTERFACE	5x 10/100	8x 10/100	16x 10/100	16x 10/100	24x 10/100	48x 10/100 2x GE Combo SFP
SWITCHING CAPACITY	1 Gbps	1 Gbps	3.2 Gbps	3.2 Gbps	4.8 Gbps	13.6 Gbps
RAM BUFFER	56 KB	56 KB	256 KB	256 KB	320 KB	512 KB
MAC ADDRESS TABLE	1 K	1 K	-	-	-	8K
RACK MOUNTABLE	-	-	-	✓	✓	✓

10 Gbps ▶▶▶

2.5 Gbps ▶▶▶

Turbo Mode
Activate Turbo mode for optimized performance

Metal Casing
Rugged aluminum alloy matte gray casing

Power Efficiency
Designed for low power consumption

QoS Management
Quality of Service for uninterrupted connections

Multicoloured LED
Multi-Colored LED light indicates Turbo Mode status

Silent Operation
Fanless design means it's suitable for noise-free environment

Ultra-Fast 10-Gigabit Connection for Home or Office Application

10-Gigabit port for high-bandwidth network uplink or access to a Network-Attached Storage (NAS) device, it's perfect for the multimedia design workplace or advanced home networking setup.

4kV
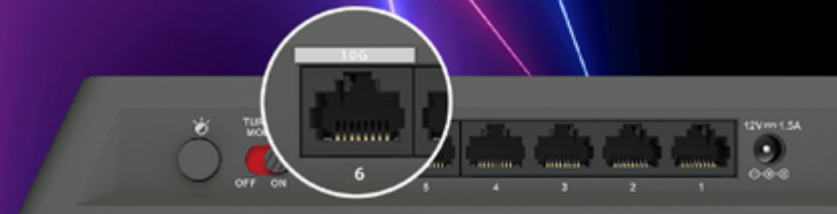
Protected

The DPE-302GE has D-Link's highest built-in 4kV surge protection, and is also capable of operating in temperatures of up to 60 °C (140 °F), allowing it to be deployed in harsher environments.

Reach Further

The D-Link range of surveillance switches can be further combined with the DPE-302GE PoE Extender to maximize your PoE camera deployment distance to virtually anywhere, drastically lowering the cost for installing any PoE Ethernet devices. It provides you huge time and cost savings and greater flexibility of endpoint device positioning

650M

| 250M | 100M | 100M | 100M | 100M |

Surveillance Switch — PoE Extender — PoE Extender — PoE Extender — PoE Extender — Camera
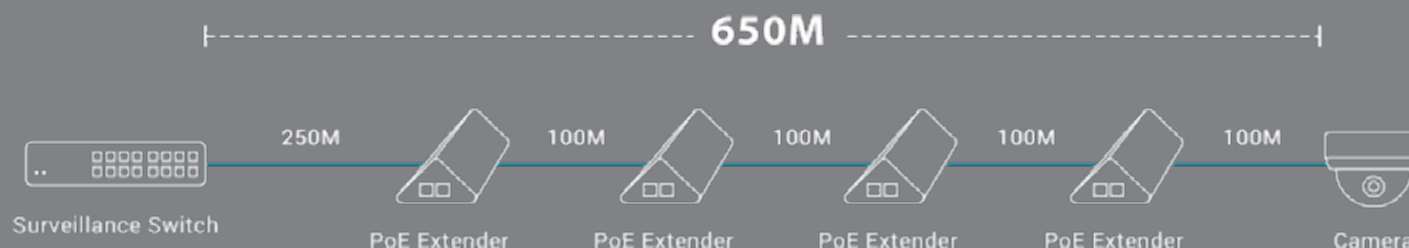
* Please check with your local D-Link customer service for more information. Up to 650 metres connectivity may be affected by cabling quality. We recommend customers to test compatibility before actual physical deployment.

UNMANAGED POE SWITCHES

POE SPLITTER & INJECTORS

	INDUSTRIAL	POE SWITCH			SPLITTER	INJECTORS	
	DIS-100G-5PSW	DGS-1008P	DGS-1008MP		DPE-301GS	DPE-301GI	DPE-302GE
STATUS				STATUS			
PORT INTERFACE	4x GE PoE, 1x SFP	8x GE (4x PoE)	8x GE PoE	DESCRIPTION	Power over Gigabit adapter IEEE802.3at compliant, provides DC power for power legacy device of up to 30W (25.5W at 100m away)	Deliver both Gigabit data and power to PoE end devices. DC Output of 54V/0.6A, up to 30W (25.5W at 100m away)	Transmits 10 to 30W of output power for up to two devices over a maximum distance of 500m by daisy-chaining up to 4 units together
SWITCHING CAPACITY	10 Gbps	16 Gbps	16 Gbps				
RAM BUFFER	128 KB	192 KB	128 KB				
JUMBO FRAMES	9000 Bytes	9720 Bytes	9720 Bytes				
POE BUDGET	120 Watts	68 Watts (C1)	140 Watts				
POE SUPPLY PER PORT	802.3af/at	30 Watts (802.3at (Rev.C1)	30 Watts (802.3at)				

Designed for Surveillance

The D-Link range of Surveillance switches has a total PoE power budget of up to 250W, with up to 30W on each port meaning it's ready to power your PoE-ready cameras and other devices. Simply connect your PoE supported devices and you've got a capable surveillance network with minimal wiring required. Meanwhile, it has an extended PoE range of 250m, reaching devices further than before. Finally, its Gigabit uplink provides ample bandwidth. This ensures smooth transmission of footage when connecting to Network Video Recorder (NVR) or core switch.
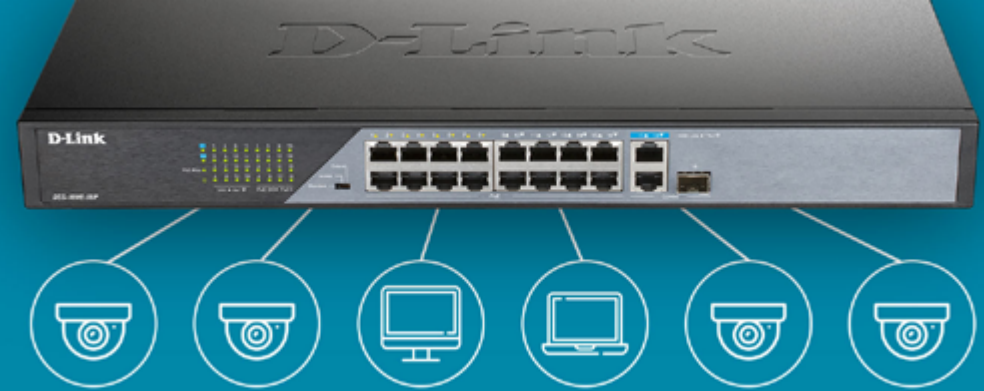
Large PoE power budget

Extended range up to 250m

PoE LED Indicators

Gigabit Uplink

Versatility for a Range of Scenarios

The D-Link range of surveillance switches are not just for cameras, they are also able to support other surveillance-related devices. Simply plug in the devices you need to complete your setup; the switch can then automatically detect what has been connected. It then adjusts accordingly to provide optimal performance. Ideal for a power surveillance with minimal management fuss.

UNMANAGED POE SURVEILLANCE SWITCH

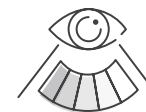|	*FAST ETHERNET*	*GIGABIT ETHERNET*		
	DSS-100E-18P	**DGS-F1006P/E**	**DGS-F1010P/E**	**DGS-F1026P/E**
STATUS	NEW	NEW	NEW	NEW
PORT INTERFACE	16x 10/100 PoE LAN 1x GE + 1x Combo GE/SFP	6x GE LAN (4x PoE) 2x Gigabit Uplink	10x GE LAN (8x PoE) 2x Gigabit Uplink	24x GE LAN (2x SFP
SWITCHING CAPACITY	7.2 Gbps	12 Gbps	20 Gbps	52 Gbps
POE CAPABLE PORTS	1 - 16	1 - 4	1 - 8	1 - 24 (1 - 8 supports up to 250 m)
POE BUDGET	230 Watts	60 Watts	96 Watts	250 Watts
POE SUPPLY PER PORT	30 Watts (802.3af/at)	30 Watts (802.3af/at)	30 Watts (802.3af/at)	30 Watts (802.3af/at)
MAX DISTANCE	250 m (on extend mode)	250 m (on extend mode)	250 m (on extend mode)	250 m (on extend mode)

New Range of F Series Outdoor IP Cameras

Day & Night Vision	Ultra H.265 Video Coding	Wide Dynamic Range	PoE Capable	Outdoor Ready

IP SURVEILLANCE

OUTDOOR

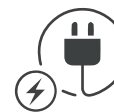|	FIXED DOME	VARI-FOCAL DOME				FIXED BULLET		VARI-FOCAL BULLET
	DCS-F5602/P	**DCS-F5612**	**DCS-F5614**	**DCS-F5622**	**DCS-F5624**	**DCS-F5702/P**	**DCS-F5704/D**	**DCS-F5722**
STATUS	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
RESOLUTION	2MP 1920 x 1080	2MP 1920 x 1080	4MP 1920 x 1080	2MP 1920 x 1080	4MP 2048 x 1520	2MP 1920 x 1080	4MP 2592 x 1520	2MP 920 x 1080
FRAMES PER SECOND	30 fps	30 fps	30 fps	30 fps	30 fps	25 fps	20 fps	30 fps
IMAGE SENSOR	1/2.7" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.7" CMOS
LENS	2.8mm, Fixed	2.8-12mm, Manual Zoom	2.8-12mm, Manual Zoom	2.8-12mm, Motor Zoom	2.8-12mm, Motor Zoom	4mm, Fixed	3.6mm, Fixed	2.8-12mm, Motor Zoom
DAY & NIGHT IR LED	IR LED 30m	IR LED 30m	IR LED 30m	IR LED 30m	IR LED 30m	IR LED 30m	IR LED 30m	IR LED 30m
VIDEO COMPRESSION	Ultra 265/H.264/ MJPEG	Ultra 265/ H.265/H.264/ MJPEG	Ultra 265/ H.265/H.264/ MJPEG	Ultra 265/ H.265/H.264/ MJPEG	Ultra 265/ H.265/H.264/ MJPEG	Ultra 265/ H.265/H.264/ MJPEG	Ultra 265/ H.265/H.264/ MJPEG	Ultra 265/ H.265/H.264/ MJPEG
PORT INTERFACE	1x 10/100	1x 10/100	1x 10/100	1x 10/100	1x 10/100	1x 10/100	1x 10/100	1x 100
WDR RATING	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	120dB WDR	DWDR
MICROSD SLOT	X	✓	✓	✓	✓	X	X	✓
POE SUPPORT	✓	✓	✓	✓	✓	✓	✓	✓

New Range of F Series Outdoor Analogue Cameras

Day & Night Vision

AHD/TVI/CVI/CVBS, Video Coding — VIDEO coding

DC Power connection

DNR Noise Reduction — DNR

Outdoor Ready

IP SURVEILLANCE

INDOOR

	FIXED		PTZ	
	DCS-8300LHV2	**DCS-8630LH**	**DCS-8526LH**	**DCS-8525LH**
STATUS				
WIRELESS IEEE	802.11 n	802.11 n	802.11 n	802.11 n
RESOLUTION / FPS	1920 x 1080 up to 30fps	1920 x 1080 up to 30fps	1920 x 1080 up to 30fps	1920 x 1080 up to 30fps
IMAGE SENSOR	1/2.7" 1M CMOS	1/4" HD CMOS	1/2.9" CMOS	1/2.7" 1M CMOS
LENS	2.7mm, F2.4	2.55mm, F2.2	3 mm, F2.0	2.39mm, F2.0
DAY & NIGHT IR LED	IR LED 5m	IR LED 5m	IR LED 5m	IR LED 5m
VIDEO COMPRESSION	MJPEG, H.264	MJPEG, H.264	H.264	H.264
PORT INTERFACE	N/A	N/A	1x 10/100	1x 10/100
INTELLIGENT DETECT	Motion, Sound, Cloud recording	Motion, Sound, Cloud recording	Motion, Sound, Cloud recording	Motion, Sound, Cloud recording
MICROSD SLOT	✓	✓	✓	✓
APP SUPPORT	mydlink home			

ANALOGUE

OUTDOOR

	FIXED DOME	VARI-FOCAL	FIXED BULLET	
	DCS-F2612-C1M	**DCS-F2622-L11**	**DCS-F2712-L1M**	**DCS-F2715-L1M**
STATUS	NEW	NEW	NEW	NEW
RESOLUTION	2MP 1920 x1080	2MP 1920 x1080	2MP 1920 x1080	5MP 2592 x 1944
IMAGE SENSOR	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.5" CMOS
LENS	3.6mm	2.8-12mm	3.6mm	3.6mm
FIELD OF VIEW	78°	104°-40°	79°	86°
DAY & NIGHT	Full Colour	EXT / Auto / Color / B&W	EXT / Auto / Color / B&W	EXT / Auto / Color / B&W
IR RANGE	Up to 20m	Up to 40m	Up to 25m	Up to 30m
VIDEO COMPRESSION	AHD, TVI, CVI, CVBS	AHD, TVI, CVI, CVBS	AHD, TVI, CVI, CVBS	AHD, TVI, CVI, CVBS
WDR RATING	X	X	X	DWDR
HOUSING	Plastic & Metal	Metal	Metal	Metal
IP RATING	IP66	IP66	IP66	IP66
NOISE REDUCTION	3D DNR	3D DNR	3D DNR	2D DNR

WIRELESS CONTROLLERS

UNIFIED WIRELESS ACCESS POINTS

WIRELESS CONTROLLER		LICENSES			UNIFIED WIRELESS ACCESS POINT			
DWC-1000	DWC-2000				DWL-7620AP	DWL-8620AP	DWL-8720AP	DWL-X8630AP
		For a list of Compatible D-Link Wireless Access Points, please contact our product manager						
				STATUS				
DWC-1000 Wireless Controller is a centralized wireless LAN manager with the ability to managed up to 96 wireless AP in a cluster. Additional license upgrades enables VPN, Router, and Firewall functionality	DWC-2000 Wireless Controller is a centralized wireless LAN manager with the ability to managed up to 1024 wireless AP in a cluster. License is required for additional AP management	DWC-1000-AP6	Enable 6 additional APs	**FEATURE**	Up to 16/32 virtual AP may be created from a single AP, unified management up to 256 AP may be centrally managed and provisioned.			
		DWC-1000-VPN	Enables VPN, router + firewall functions	**WIRELESS**	Tri-Band 802.11ac 400 + 867 + 867	802.11ac 800 + 867Mbps	802.11ac 400 + 867Mbps	802.11ax 1.1K + 2.4K
		DWC-1000-WCF	Enable Web Content Filter	**ANTENNA IMPLEMENT**	2 x 2	4 x 4	2 x 2	2 x 2
		DWC-2000-AP32/64/12	Enables32/64/128 additional Aps	**POE**	802.3at	802.3at	802.3af	802.3af

KVM SWITCHES

	HDMI		PS2/USB COMBO		USB	
	DKVM-210H	**DKVM-410H**	**KVM-440**	**KVM-450**	**KVM-221**	**DKVM-4U**
STATUS						
VIDEO CONNECTOR TYPE	HDMI	HDMI	8 x HDB-15 Female	16 x HDB-15 Female	2 x HDB-15 Female	4 x HDB-15 Female
KEYBOARD/MOUSE CONNECTOR TYPE	USB Type-A	2 x USB Type-A ports	PS/2 & USB Signal Combined	PS/2 & USB Signal Combined	USB Type-A connector	USB Type-A connector
MAXIMUM RESOLUTION	4096 x 2160 / 3840 x 2160 @ 60 Hz	4096 x 2160 / 3840 x 2160 @ 60 Hz	2048 x 1536 @ 65 Hz	2048 x 1536 @ 65 Hz	2048 x 1536	2048 x 1536
HOT-SWAPPABLE	✓	✓	✓	✓	✓	✓
HOUSING	Metal				Plastic	

KVM CABLES

	KVM CABLES	COMBO CABLES	
	DKVM-CU	**KVM-401**	**KVM-403**
STATUS			
LENGTH	1.8 m	1.8 m	5 m
CONNECTOR TYPE	Monitor & USB Cable	Monitor & PS/2 Cable & USB Cable	Monitor & PS/2 Cable & USB Cable