



# EAGLE PRO AI

One Connection – Infinite Possibilities



2022

PRODUCT GUIDE

2nd Quarter Edition - V1.0

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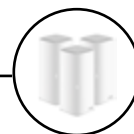
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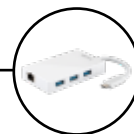
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# Stay Connected On The Road

The DWR-910M 4G LTE USB Dongles is the perfect travel companions that allows you to connect to the Internet wherever you are.



## One-Click Driver Install

Pre-loaded drivers for quick and simple installation



## 4G/LTE Super Speed


Super Fast access to the Internet wherever you are



## Perfect Portability

Small and slim enough to carry around in your pocket

## MOBILE WIRELESS DEVICES





	4G LTE				LTE-A	DUAL-SIM
	DWR-910M	DWM-222	DWR-930M	DWR-932M/A2	DWR-933M	DWR-925W
						
STATUS	NEW		NEW	NEW	NEW	
DISPLAY	LED indicators	LED indicators	LED indicators	LCD screen	LCD screen	LED indicators
WIRELESS SPEED	N150	N/A	N300	N300	AC1200	AC1200
BATTERY CAPACITY	N/A	N/A	3000mAh	3000mAh	3000mAh	N/A
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	LTE: 3,40 3G: 900/2100	LTE: 3,40 3G: 900/2100
INTERFACE	Wi-Fi router	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	Micro SIM	STD 6 pin SIM	Micro SIM	Micro SIM	Micro SIM	STD 6 pin SIM
ANTENNA TYPE	Internal	Internal	Internal	Internal	Internal	6x Detachable

## WHAT'S THE DIFFERENCE BETWEEN 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

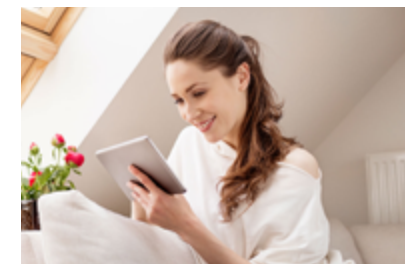
	LTE-A			
	DWR-M920	DWR-M921	DWR-M960	DWR-M961
				
STATUS	NEW			
WIRELESS RATING	N300	N300	AC1200	AC1200
WIRELESS SPEED	300 Mbps	300 Mbps	300 + 867 Mbps	300 + 867 Mbps
FREQUENCY BAND	LTE: 3,40 3G: 900/2100	LTE: 3,40 3G: 900/2100	LTE: 3,40 3G: 900/2100	LTE: 3,40 3G: 900/2100
INTERFACE	3x 10/100 LAN 1x 10/100 WAN	4x 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/4G mobile 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.

## VOICE SOLUTIONS

	3G	4G LTE		4G ROUTER WITH SIP VOIP, VOLTE, CS & FAX	
	DWR-720PW (T2)	DWR-920PW		DWR-956M	
					<p>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.</p>
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 FXS port
USIM SLOT	STD 6 pin SIM	STD 6 pin SIM	ANTENNA TYPE	2x 5dBi Fixed Wi-Fi	2x 5dBi Detachable LTE
ANTENNA TYPE	1x Detachable	1x Detachable			

## DSL ROUTERS

	ADSL	VDSL BROADBAND
	DSL-124	DSL-224
		
STATUS		
WIRELESS RATING	N300	N300
WIRELESS SPEED	300 Mbps	300 Mbps
PORT INTERFACE	4x 10/100 LAN (Port 4 configurable as 10/100 EWAN) 1x RJ-11 DSL	4x 10/100 LAN (Port 4 configurable as 10/100 EWAN) 1x RJ-11 DSL
USB PORT	N/A	N/A
ANTENNA TYPE	2x Fixed	2x 5dBi Fixed



# Covr your Whole Home in Seamless Mesh Wi-Fi



Next-Gen Wi-Fi 6  
Speeds<sup>1</sup>



High  
Performance











Enhanced Profile Based  
Parental Controls



More  
Coverage



## 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-X1860	DIR-X3260	DIR-X5460
								
STATUS	NEW				NEW	NEW	NEW	
WIRELESS RATING	AX1800	AC1200	AC1750	AC2600	AC3000	AX1800	AX3260	AX5400
WIRELESS SPEED	574 + 1.2K	300 + 867 Mbps	450 + 1.3K	800 + 1.7K	400 + 866 + 1733	574 + 1.2K	800 + 2.4	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	3x Gigabit LAN 1x Gigabit WAN	4 x Gigabit LAN 1 x 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	USB 2.0 + USB 3.0
FREQUENCY	One Mesh network	2.4 + 5 GHz	MU-MIMO	2.4 + 5 GHz	2.4 + 5 GHz	MU-MIMO	MU-MIMO	MU-MIMO
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.



**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

	WIFI 6		FIBRE HOME			
	DAP-X1860		DIR-612	DIR-806A	DIR-822/R1	DIR-2150
						
STATUS	NEW	STATUS	NEW			
WIRELESS RATING	AX1800	WIRELESS RATING	N300	AC750	AC1200	AC2100
WIRELESS SPEED	300 + 1.2K	WIRELESS SPEED	300 Mbps	300 + 433 Mbps	300 + 900 Mbps	300 + 1.7K
PORT INTERFACE	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	FREQUENCY	2.4 GHz	2.4 + 5 GHz	MU-MIMO	MU-MIMO
ANTENNA TYPE	2x Internal	ANTENNA TYPE	2x Fixed	2x Fixed	4x Fixed	4x Fixed
MESH COMPATIBILITY*	DIR-1750/ X5460/ X1860/ X1560					

\* Mesh compatibility is model and hardware dependent

# EAGLE PRO AI

One Connection – Infinite Possibilities

We've packed cutting-edge AI features into our advanced series of routers, range extenders and mesh devices to keep everyone connected, no matter what they're doing online.



AI Mesh  
Optimizer



AI Wi-Fi  
Optimizer






AI Traffic  
Optimizer



## Intelligent One-Touch Setup for Seamless Connections

- Auto Mesh setup and detects the best channels within the network
- Simple access management with one SSID for both Wi-Fi bands (2.4 and 5 GHz)
- Network self-healing when a weak connection is detected

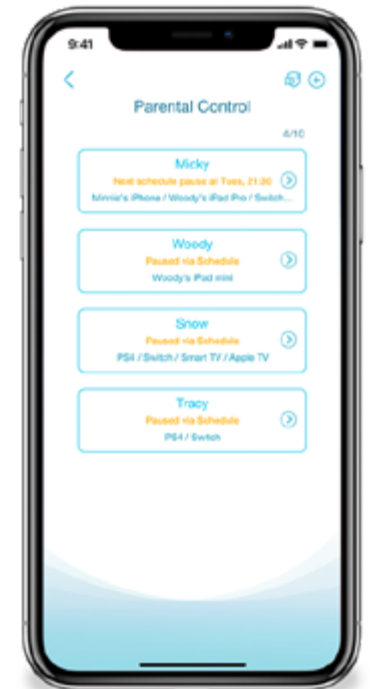
## NETWORK PCI CARDS

	MESH	ROUTER	EXTENDER
	M15	R15	E15
			
STATUS	NEW	NEW	NEW
WIRELESS RATING	AX1500	AX1500	AX1500
WIRELESS SPEED	1.2K + 300 Mbps	1.2K + 300	1.2K + 300
PORT INTERFACE	1x Gigabit LAN 1x Gigabit WAN	3x Gigabit LAN 1x Gigabit WAN	1x Gigabit LAN
APP	Free EAGLE PRO AI app		

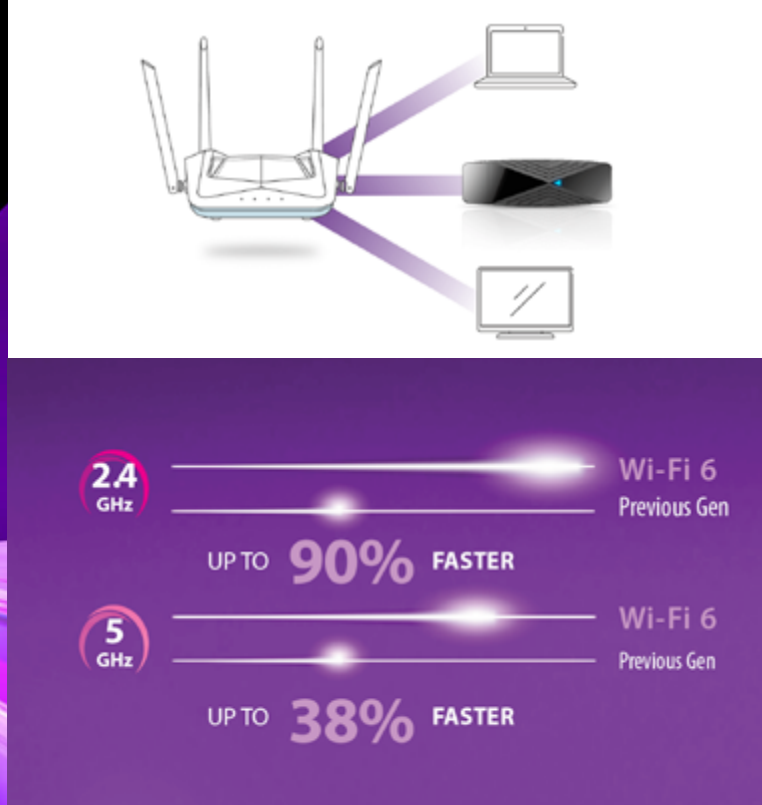
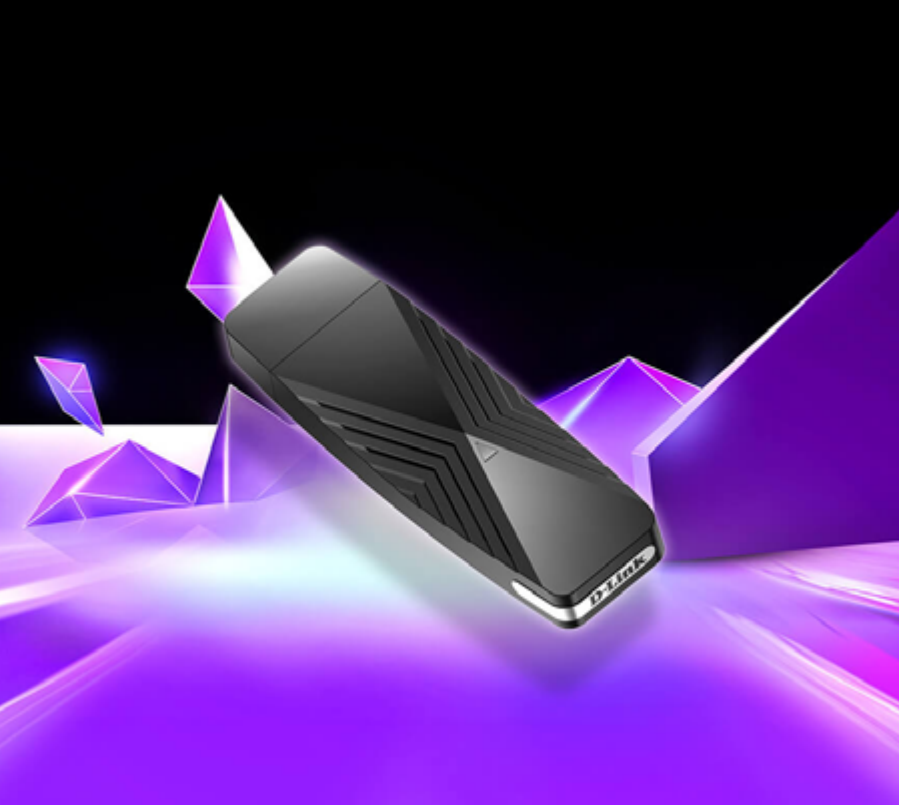


## Keep Playtime Safe and Healthy

AI parental control lets you designate online hours for little ones and restrict website access to keep their learning experience a safe and healthy one.







**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


## 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	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-1370	DUB-E100	DUB-E130	DUB-E250	DUB-V120	DUB-V210	DUB-M530	DUB-M910
										
STATUS										
INTERFACE	4x USB 2.0 (4x Fast charge port)	7x USB 2.0 (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	N/A	BUS power	BUS power	BUS power	BUS power

## NETWORK PCI CARDS

	WIRED
	GIGABIT
	DGE-528T
	
STATUS	
PORT INTERFACE	1x Gigabit
STANDARD	Gigabit Base-T
PCI-EXPRESS	N/A
THROUGHPUT	Up to 2 Gbps

## POWERLINE

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



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



## 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	RACK MOUNTABLE	✓	
MULTIPLE SSID	No			Up to 2 SSID		Up to 2 SSID	APP SUPPORT	✓	
MAX TX POWER*	14dBm			19dBm		19dBm	APS SUPPORTED	100	1000
ANTENNA TYPE	2x External			2x External		2x External			



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.



## ACCESS POINTS

	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
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



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-F3704-I	DAP-3666
				
STATUS			NEW	
WIRELESS RATING	N300	N300	N300	AC1200 (Wave 2)
WIRELESS SPEED	300 Mbps	300 Mbps	300 Mbps	300 + 867 Mbps
PORT INTERFACE	1x 10/100 LAN	1x 10/100 PoE	2x 10/100 LAN (1x LAN/PoE)	2x Gigabit (1x PoE)
FREQUENCY	2.4 GHz	2.4 GHz	5 GHz	2.4 + 5 GHz
MULTIPLE SSID	No	No	Up to 8 SSID	Up to 8 SSID
MAX TX POWER*	20dBm	28dBm	24dBm	2.4GHz: 26dBm 5GHz: 26dBm
ANTENNA TYPE	2x 2dBi Detachable	2x 3dBi internal	10 dBi High gain	4x 7/6dBi Internal
HOUSING	Plastic	Plastic	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
WIRELESS RATING	AX3600	AX1800	AC2500 (Wave 2)	AC1750 (Wave 2)	AC1200 (Wave 2)	AC1300 (Wave 2)	AC1300 (Wave 2)	Nuclias Access Point License code  Product Type: Software Licensing
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	
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	
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



## DGS-F1210 Series



## Power Over Ethernet

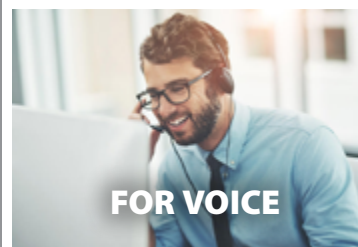
Long range PoE+ suitable for devices that are far from power outlets or when users want to minimize the clutter of extra cables as power is supplied via the Ethernet cables themselves.

## 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








**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								10 GE
	EASYSMART		WEBSMART			SMART	SMART PRO	WEB SMART	
	DGS-1100 SERIES	DGS-1100MP SERIES	DGS-F1210 SERIES*	DGS-1210 SERIES	DGS-1210MPP SERIES	DGS-1250 SERIES	DGS-1510 SERIES	DXS-1210 SERIES	
									
STATUS			NEW						
INTERFACE	8/12/16 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+	24/48 x GE 2 x GE SFP 2/4 x 10G 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 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 178 Mpps	
POE CAPABLE PORTS	8 / 12 / 16	8 / 24	16 / 24	8 / 24	48	24/48	24/48	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**	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	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



**DGS-3130 Series**

## Comprehensive Security

The DGS-3130 Series gives your network the protection it deserves with leading edge security features that handle threats 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.

## 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-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 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 256 Gbps	Up to 1.28 Tbps	UP TO 6.4 Tbps
FLASH MEMORY	32 MB	32 MB	32 MB	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 132 Mpps	Up to 960 Mpps	2,980 Mpps
POE CAPABLE PORTS	8	24	20	-	-	-	-
POE BUDGET	Up to 240 Watts	Up to 370 Watts	Up to 740 Watts	-	-	-	-
POE SUPPLY PER PORT	Up to 30 Watts	Up to 30 Watts	802.3af & 802.3at	-	-	-	-
RACK MOUNTABLE	DIN rail/wall/rack	✓	✓	✓	✓	✓	✓

## FIBRE TRANSCEIVERS









	10G XFP		10G WDM	10G SFP+		25G SFP28	40G	100G QSFP
	DEM-422XT	DEM-433XT	DEM-436XT-BXD	DEM-431XT	DEM-435XT	DEM-S2810LR	DEM-QX01Q-SR4	DEM-Q2810Q-LR4
								
STATUS								
FIBRE MODE	Multi	Single	Multi	Multi	Multi	Single	Multi	Single
CONNECTOR INTERFACE	Duplex LC	Duplex LC	Simplex LC	Duplex LC	Duplex LC	Duplex LC	MPO	Duplex LC
DISTANCE	10KM	40KM	20KM	300M	220M	10KM	100M/150M	10KM
SPEED	10 Gbps	10 Gbps	10 Gbps	10 Gbps	10 Gbps	25 Gbps	40 Gbps	100 Gbps
WAVELENGTH	1310 nm	1550 nm	1330/1270 nm	850 nm	1310 nm	1310 nm	850 nm	1295/1309 nm
SINGLE/BI DIRECTION	Single	Single	WDM Bi	Single	Single	Single	Single	Single

	GIGABIT SFP						INDUSTRIAL FIBRE TRANSCEIVER		
	DEM-310GT	DEM-311GT	DEM-312GT2	DEM-314GT	DEM-315GT	DGS-712	DIS-S301/2SX	DIS-S330EX	DIS-S380ZX
									
STATUS									
FIBRE MODE	Single	Multi	Multi	Single	Single	N/A	Multi	Single	Single
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	550M / 2KM	30KM	80KM
SPEED	1.25 Gbps	1 Gbps	1 Gbps	1,25 Gbps	1 Gbps	1 Gbps	1 Gbps	1 Gbps	1 Gbps
WAVELENGTH	1310 nm	850 nm	1310 nm	1550 nm	1550 nm	N/A	850/1310 nm	1310 nm	1550 nm
SINGLE/BI DIRECTION	Single	Single	Single	WDM Bi	WDM Bi	N/A	Single	Single	Single










## FIBRE TRANSCEIVERS

	FIBRE MEDIA CONVERTERS								
	DMC-300MSC	DMC-300MSC-2	DMC-520SSC	DMC-540SSC	DMC-580SSC	DMC-700MSC	DMC-810SSC	DMC-820SSC	DMC-840SSC
									
STATUS		NEW		NEW	NEW			NEW	NEW
FIBRE MODE	Multi	Multi	Single	Single	Single	Multi	Single	Single	Single
CONNECTOR INTERFACE	SC	SC	SC	SC	SC	SC	SC	SC	SC
DISTANCE	2KM	2KM	20KM	40KM	80KM	550M	10KM	20KM	40KM
SPEED	100 Mbps	100 Mbps	100 Mbps	100 Mbps	100 Mbps	1 Gbps	1 Gbps	1 Gbps	1 Gbps
WAVELENGTH	1310 nm	1310 nm	1310 nm	1310 nm	1550 nm	850 nm	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						
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.





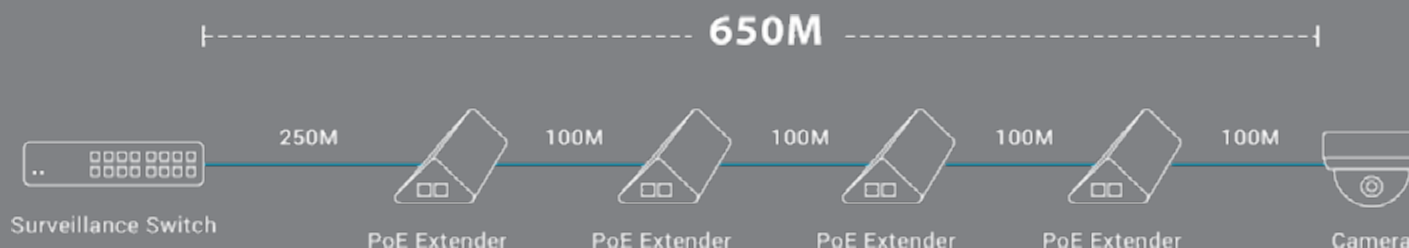


## Protected

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



\* Please check with your local D-Link customer service for more information. Up to 650 meters 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 (20x PoE) 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)

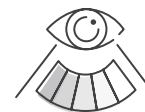
# New Range of F Series Outdoor IP Cameras



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



DC Power  
connection









DNR  
Noise Reduction



Outdoor Ready

## IP SURVEILLANCE





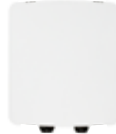

## ANALOGUE

	INDOOR			OUTDOOR			
	FIXED			FIXED DOME	VARI-FOCAL	FIXED BULLET	
	DCS-8300LHV2	DCS-8630LH		DCS-F2612-C1M	DCS-F2622-L11	DCS-F2712-L1M	DCS-F2715-L1M
							
STATUS			STATUS	NEW	NEW	NEW	NEW
WIRELESS IEEE	802.11 n	802.11 n	RESOLUTION	2MP 1920 x 1080	2MP 1920 x 1080	2MP 1920 x 1080	5MP 2592 x 1944
RESOLUTION / FPS	1920 x 1080 up to 30fps	1920 x 1080 up to 30fps	IMAGE SENSOR	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.5" CMOS
IMAGE SENSOR	1/2.7" 1M CMOS	1/4" HD CMOS	LENS	3.6mm	2.8-12mm	3.6mm	3.6mm
LENS	2.7mm, F2.4	2.55mm, F2.2	FIELD OF VIEW	78°	104°-40°	79°	86°
DAY & NIGHT IR LED	IR LED 5m	IR LED 5m	DAY & NIGHT	Full Colour	EXT / Auto / Color / B&W	EXT / Auto / Color / B&W	EXT / Auto / Color / B&W
VIDEO COMPRESSION	MJPEG, H.264	MJPEG, H.264	IR RANGE	Up to 20m	Up to 40m	Up to 25m	Up to 30m
PORT INTERFACE	N/A	N/A	VIDEO COMPRESSION	AHD, TVI, CVI, CVBS	AHD, TVI, CVI, CVBS	AHD, TVI, CVI, CVBS	AHD, TVI, CVI, CVBS
INTELLIGENT DETECT	Motion, Sound, Cloud recording	Motion, Sound, Cloud recording	WDR RATING	X	X	X	DWDR
MICROSD SLOT	✓	✓	HOUSING	Plastic & Metal	Metal	Metal	Metal
APP SUPPORT	mydlink home		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	For a list of Compatible D-Link Wireless Access Points, please contact our product manager	DWL-7620AP	DWL-8620AP	DWL-8720AP	DWL-X8630AP
						
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-1000-AP6 Enable 6 additional APs	STATUS			
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-VPN Enables VPN, router + firewall functions	FEATURE			
		DWC-1000-WCF Enable Web Content Filter	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-2000-AP32/64/128 Enables 32/64/128 additional Aps	WIRELESS			
			ANTENNA IMPLEMENT			
			POE			
			Tri-Band 802.11ac 400 + 867 + 867	802.11ac 800 + 867Mbps	802.11ac 400 + 867Mbps	802.11ax 1.1K + 2.4K
			2 x 2	4 x 4	2 x 2	2 x 2
			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





**EAGLE PRO AI Series —  
the brains behind the modern  
smart home network.**

## Greater Protection with Main and Guest Wi-Fi Control

- Turn on guest Wi-Fi to prevent visitors from accessing your local network, granting access only to the Internet
- Set data speeds for guest Wi-Fi users
- Log-in credentials and QR codes for guest Wi-Fi access

