

D-Link[®]

PRODUCT GUIDE

NETWORK SWITCHES
CLOUD NETWORK SOLUTIONS
INDUSTRIAL ETHERNET
WIRELESS
SMART HOME SURVEILLANCE



WHY D-LINK?

Why D-Link?

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

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



For Home

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

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

For Business

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

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

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



Contents



Switches	4
Unmanaged	4
Fast Ethernet Smart Managed	6
Gigabit Smart Managed	7
Surveillance PoE Switches	10
Multi-Gigabit Smart	11
10 Gigabit Smart Managed	12
Layer 2 Gigabit Managed Switches	13
Layer 3 Gigabit Managed Switches	14
Data Center 10/25/40/100G Managed Switches	16
Unified Services VPN Routers	17
D-View 8	17
Industrial	18



5G	21
5G Modem & Router	21



Cloud Networking Solution	22
Nuclias Cloud	24
Nuclias Connect	25



Business Wireless	26
Managed Wireless	26
Access Points	27



mydlink	28
mydlink devices & mydlink app	28



Consumer Wireless	30
EAGLE PRO AI Series	30
AQUILA PRO AI Series	33
Wi-Fi Routers	34
Wi-Fi Modem Routers	35
Wi-Fi Extenders, Access Points & Hotspots	36
3G/4G LTE Wi-Fi Adapters	36



USB	37
USB Hubs & Docking Stations	36



D-Link Assist	38
D-Link Assist	38



Value In Partnership+ Programme	39
--	----

SWITCHES



Unmanaged Switches

No-brainer networking

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

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

2.5G/10G Unmanaged

2.5G / 10G



MODEL	DMS-105	DMS-107	DMS-108	DMS-106XT
Number of 10/100/1000BASE-T ports		5		
Number of 10/100/1000/2.5GBASE-T ports	5	2	8	5
Number of 10/100/1000/2.5G/10GBASE-T ports				1
Switching capacity	25 Gbps	20 Gbps	40 Gbps	45 Gbps
Desktop	•	•	•	•
Wall-mountable	•	•	•	•
Metal enclosure	•	•	•	•
Fanless	•	•	•	•
MAC address		2K		4K
Jumbo frame	9216 Bytes	9216 Bytes	9216 Bytes	9728 Bytes
802.1p QoS	•	• (Gigabit port only)	•	•
Number of QoS queues	8	8	8	8
IGMP snooping	•		•	•
Cable diagnostics				•
D-Link Green	•	•	•	•
802.3az EEE	•	•	•	•
Power supply type	External	External	External	External

GO Switch Unmanaged Low Cost

Unmanaged GO-SW



MODEL	GO-SW-5E	GO-SW-8E	GO-SW-5G	GO-SW-8G	GO-SW-16G	GO-SW-24G
Number of 10/100BASE-TX ports	5	8				
Number of 10/100/1000BASE-T ports			5	8	16	24
Switching capacity	1 Gbps	1,6 Gbps	10 Gbps	10 Gbps	32 Gbps	48 Gbps
Rackmountable					•	•
Metal enclosure					•	•
Fanless	•	•	•	•	•	•
MAC address	2K	2K	2K	4K	8K	8K
802.1p QoS			•	•	•	•
Number of QoS queues			4	4	8	8
IGMP snooping			•	•	•	•
D-Link Green	•	•	•	•	•	•
802.3az EEE	•	•	•	•	•	•
Power supply type	External	External	External	External	External	External

* Not available for UK and Ireland

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.

Independent switch reviews...



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

Fast Ethernet Unmanaged

Fast Ethernet



	DES-1005D	DES-105	DES-1005P	DES-1008D	DES-108	DES-1008PA	DES-1016D	DES-1024D
MODEL	DES-1005D	DES-105	DES-1005P	DES-1008D	DES-108	DES-1008PA	DES-1016D	DES-1024D
Number of 10/100BASE-TX ports	5	5	5	8	8	8	16	24
Switching capacity	1 Gbps	1 Gbps	1 Gbps	1.6 Gbps	1.6 Gbps	1.6 Gbps	3.2 Gbps	4.8 Gbps
PoE standards			802.3af, 802.3at			802.3af		
PoE power budget			60 W			52 W		
PoE capable ports			Port 1-4, up to 30 W			Port 1-4, up to 15.4 W		
Desktop	•	•	•	•	•	•	•	•
Rackmountable							•	•
Metal enclosure		•	•		•	•	•	•
Fanless	•	•	•	•	•	•	•	•
MAC address	2K	2K	2K	1K	1K	1K	8K	8K
Jumbo frame		2047 Bytes			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

Gigabit Unmanaged

Gigabit Ethernet



	DGS-1005D	DGS-105GL	DGS-105	DGS-1005P	DGS-1008D	DGS-108GL	DGS-108	DGS-1008P	DGS-1008MP	DGS-1016D	DGS-1016S	DGS-1024D	DGS-1026MP
MODEL	DGS-1005D	DGS-105GL	DGS-105	DGS-1005P	DGS-1008D	DGS-108GL	DGS-108	DGS-1008P	DGS-1008MP	DGS-1016D	DGS-1016S	DGS-1024D	DGS-1026MP
Number of 10/100/1000BASE-T ports	5	5	5	5	8	8	8	8	8	16	16	24	24
Number of Combo 10/100/1000BASE-T/SFP ports													2
Switching capacity	10 Gbps	10 Gbps	10 Gbps	10 Gbps	16 Gbps	16 Gbps	16 Gbps	16 Gbps	16 Gbps	32 Gbps	32 Gbps	48 Gbps	52 Gbps
PoE standards				802.3af, 802.3at				802.3af, 802.3at	802.3af, 802.3at				802.3af, 802.3at
PoE power budget				60 W				60 W	125 W				370 W
PoE capable ports				Ports 1-4, up to 30 W				Ports 1-4, up to 30 W	Ports 1-8, up to 30 W				Ports 1-24, up to 30 W
DIP switch (EEE/Flow Control/Port Isolation and Storm Control)										•		•	
Desktop	•	•	•	•	•	•	•	•	•	•	•	•	•
Rackmountable									•	•	•	•	•
Metal enclosure		•	•	•	•	•	•	•	•	•	•	•	•
Fanless	•	•	•	•	•	•	•	•	•	•	•	•	2 x smart fan
MAC address	2K	2K	2K	2K	4K	4K	4K	4K	8K	8K	8K	8K	8K
Jumbo frame	9720 Bytes	9216 Bytes	9216 Bytes	9216 Bytes	9720 Bytes	9216 Bytes	9216 Bytes	9720 Bytes	9216 Bytes	10,000 Bytes	9,216 Bytes	10,000 Bytes	9600 Bytes
802.1p QoS	• (Strict mode)	• (Strict mode)	• (Strict mode)	• (Strict mode)	• (Strict mode)	• (Strict mode)	• (Strict mode)	• (Strict mode)		•	•	•	•
Number of QoS queues	4	8	4	4	4	8	4	4		8	8	8	
IGMP snooping	•	•	•	•	•	•	•	•	•	•	•	•	•
Cable diagnostics	•	•	•	•	•	•	•	•	•	•	•	•	•
D-Link Green	•	•	•	•	•	•	•	•	•	•	•	•	•
802.3az EEE	•	•	•	•	•	•	•	•	•	•	•	•	•
Power supply type	External	External	External	External	External	External	External	External	Internal	Internal	External	Internal	Internal

SWITCHES



Smart Switches

They're called Smart for a reason

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

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



What are the benefits of...

PoE Support?

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

10 Gigabit Connectivity?

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

Layer 2+ Support?

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

Stacking?

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

Gigabit Smart Managed

Gigabit Ethernet



	MODEL	DGS-1100-05V2	DGS-1100-05PDV2	DGS-1100-08V2	DGS-1100-08PV2	DGS-1100-10MPV2	DGS-1100-16V2	DGS-1100-24V2	DGS-1100-24PV2	DGS-1100-26MPV2
HARDWARE	Number of 10/100/1000BASE-T ports	5	5	8	8	8	16	24	24	24
	Number of Combo 10/100/1000BASE-T/SFP ports									2
	Number of 100/1000 Mbps SFP ports					2				
	Switching capacity	10 Gbps	10 Gbps	16 Gbps	16 Gbps	20 Gbps	32 Gbps	48 Gbps	48 Gbps	52 Gbps
	PoE standards		802.3af		802.3af, 802.3at	802.3af, 802.3at			802.3af, 802.3at	802.3af, 802.3at
	Powered by PoE		• (802.3af/at)							
	PoE power budget		18W with 802.3at / 8W with 802.3af input power		64 W	130 W			100 W	370 W
	PoE capable ports		Port 1-2, up to 15.4 W		Port 1-8, up to 30 W	Port 1-8, up to 30 W			Port 1-12, up to 30 W	Port 1-24, up to 30 W
	Fanless	•	•	•	•	•	•	•	•	•
	D-Link Green	•	•	•	•	•	•	•	•	•
802.3az EEE	•	•	•	•	•	•	•	•	•	
Power supply type	External	PoE	External	External	Internal	Internal	Internal	Internal	Internal	
L2	MAC address	2K	2K	4K	4K	8K	8K	8K	8K	8K
	802.1D STP, 802.1w RSTP, 802.1s MSTP									
	802.3ad, 802.1AX link aggregation	Static trunk	Static trunk	Static trunk	Static trunk	•	•	•	•	802.3ad
VLAN	VLAN group (max static)	32	32	32	32	128	128	128	128	128
	Port / MAC / protocol-based VLAN, GVRP	Port	Port	Port	Port	Port	Port	Port	Port	Port
	Asymmetric VLAN	•	•	•	•	•	•	•	•	•
	Auto Voice/Surveillance VLAN	•	•	•	•	•	•	•	•	•
L3	IPv4/IPv6 routing table									
	IP interfaces									
	IPv6 support									
	Routing table size									
QoS	Static route for IPv4/IPv6									
	Number of queues per port	4	4	4	4	8	8	8	8	4
	CoS based on contents									
ACL	Bandwidth control (min. granularity)	• (8 Kbps)	• (8 Kbps)	• (8 Kbps)	• (8 Kbps)	• (16 Kbps)	• (16 Kbps)	• (16 Kbps)	• (16 Kbps)	• (8 Kbps)
	ACL (Ingress / Egress / VLAN-based)									
SECURITY	Based on packet contents									
	SSH, SSL (v1/v2/v3)									
	Smart Binding									
	Loopback Detection	•	•	•	•	•	•	•	•	•
AAA	ARP spoofing									
	802.1X access control									
MANAGEMENT	RADIUS server support									
	SNMP (v1/v2c/v3), RMON v1									
	LLDP-MED									
	ICMPv6									
	Nuclias Connect					•	•	•	•	•

Gigabit Smart Managed / with 10G Uplinks



	MODEL	DGS-1210-26	DGS-1210-28	DGS-1210-28P	DGS-1210-28MP	DGS-1210-52	DGS-1210-52MP	DGS-1250-28X	DGS-1250-28XMP	DGS-1250-52X	DGS-1250-52XMP
HARDWARE	Number of 10/100/1000BASE-T ports	24	24	24	24	48	48	24	24	48	48
	Number of Combo 10/100/1000BASE-T/SFP ports		4	4	4	4	4				
	Number of 100/1000 Mbps SFP ports	2									
	Number of 10G SFP+ ports							4	4	4	4
	Switching capacity	52 Gbps	56 Gbps	56 Gbps	56 Gbps	104 Gbps	104 Gbps	128 Gbps	128 Gbps	176 Gbps	176 Gbps
	PoE standards			802.3af, 802.3at	802.3af, 802.3at		802.3af, 802.3at		802.3af, 802.3at		802.3af, 802.3at
	PoE power budget			193 W	370 W		370 W		370 W		370 W
	PoE capable ports			Ports 1-24, up to 30W	Ports 1-24, up to 30W		Ports 1-48, up to 30W		Port 1-24, up to 30W		Port 1-48, up to 30W
	Perpetual PoE			•	•		•				
	Fanless	•	•								
	Smart fan			•	•	•	•	•	•	•	•
	D-Link Green	•	•	•	•	•	•	•	•	•	•
	802.3az EEE	•	•	•	•	•	•	•	•	•	•
Power supply type	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	
L2	MAC address	8K	8K	8K	8K	16K	16K	16K	16K	32K	32K
	802.1D STP, 802.1w RSTP, 802.1s MSTP	•	•	•	•	•	•	•	•	•	•
	802.3ad, 802.1AX link aggregation	•	•	•	•	•	•	• (802.3ad only)	• (802.3ad only)	• (802.3ad only)	• (802.3ad only)
VLAN	VLAN group (max static)	256	256	256	256	256	256	4K	4K	4K	4K
	Port / MAC / protocol-based VLAN, GVRP	Port	Port	Port	Port	Port	Port	Port	Port	Port	Port
	Asymmetric VLAN	•	•	•	•	•	•	•	•	•	•
	Auto Voice/Surveillance VLAN	•	•	•	•	•	•	•	•	•	•
L3	IP interfaces	4	4	4	4	4	4	4	4	4	4
	IPv6 support	•	•	•	•	•	•	•	•	•	•
	Static route for IPv4/IPv6	124/50	124/50	124/50	124/50	124/50	124/50	124/50	124/50	124/50	124/50
QoS	Number of queues per port	8	8	8	8	8	8	8	8	8	8
	CoS based on contents	•	•	•	•	•	•	•	•	•	•
	Bandwidth control (min. granularity)	• (16 Kbps)	• (16 Kbps)	• (16 Kbps)	• (64 Kbps)	• (16 Kbps)	• (16 Kbps)	• (16 Kbps)	• (16 Kbps)	• (16 Kbps)	• (16 Kbps)
SURVEILLANCE MODE	Video Surveillance Mode	•	•	•	•	•	•	•	•	•	•
	ONVIF Device Discovery	•	•	•	•	•	•	•	•	•	•
	Video Surveillance Topology	•	•	•	•	•	•	•	•	•	•
	Video Surveillance Device Information	•	•	•	•	•	•	•	•	•	•
ACL	ACL (Ingress / Egress / VLAN-based ACL)	• (Ingress)	• (Ingress)	• (Ingress)	• (Ingress)	• (Ingress)	• (Ingress)	• (Ingress)	• (Ingress)	• (Ingress)	• (Ingress)
	Based on packet contents	•	•	•	•	•	•	•	•	•	•
SECURITY	SSH, SSL (v1/v2/v3)	•	•	•	•	•	•	• (SSH)	• (SSH)	• (SSH)	• (SSH)
	IP-MAC-port binding (IMPB)	•	•	•	•	•	•	•	•	•	•
	ARP spoofing	•	•	•	•	•	•	•	•	•	•
AAA	802.1X access control	•	•	•	•	•	•	•	•	•	•
	RADIUS	•	•	•	•	•	•	•	•	•	•
MANAGEMENT	Dual image	•	•	•	•	•	•	•	•	•	•
	SNMP (v1/v2c/v3), RMON v1	•	•	•	•	•	•	•	•	•	•
	LLDP-MED	•	•	•	•	•	•	•	•	•	•
	ICMPv6	•	•	•	•	•	•	•	•	•	•
	Command Line Interface (CLI)	Compact	Compact	Compact	Compact	Compact	Compact	Full	Full	Full	Full
	Console port							RJ45	RJ45	RJ45	RJ45
Nuclias Connect	•	•	•	•	•	•					

SWITCHES

Switches for Surveillance

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

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

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

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

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

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



Surveillance Switches

	Fast Ethernet	Gigabit Ethernet				
--	---------------	------------------	--	--	--	--



	MODEL	DSS-100E-9P	DSS-200G-10MP	DSS-200G-10MPP	DSS-200G-28MP	DSS-200G-28MPP
HARDWARE	Number of 10/100BASE-TX ports	8	8	8	24	24
	Number of 10/100/1000BASE-T ports	1	8	8	24	24
	Number of 100/1000 Mbps SFP ports		2	2		
	Number of Combo 1000BASE-T/SFP ports				4	4
	Switching capacity	3.6 Gbps	20 Gbps	20 Gbps	56 Gbps	56 Gbps
	PoE standards	802.3af, 802.3at	802.3af, 802.3at	802.3af, 802.3at, 802.3bt	802.3af, 802.3at	802.3af, 802.3at, 802.3bt
	PoE power budget	92 W	130 W	242 W	370 W	517 W
	PoE capable ports	Ports 1-8, up to 30 W	Ports 1-8, up to 30 W	Ports 1-8, up to 90 W	Ports 1-24, up to 30 W	Ports 1-8, up to 90 W Ports 9-24, up to 30 W
	PoE usage indicator LED		•	•	•	•
	Extended PoE range	Up to 250 m*	Up to 250 m*	Up to 250 m*	Up to 250 m*	Up to 250 m*
	DIP switch modes		QoS, extend, isolate, PD-alive, STP	QoS, extend, isolate, PD-alive, STP	QoS, extend, isolate, PD-alive, STP	QoS, extend, isolate, PD-alive, STP
	6kV Surge protection	•	•	•	•	•
	Metal enclosure	•	•	•	•	•
	Fanless	•	•	•	•	•
Alarm port		•	•	•	•	
Power supply type	External	Internal	Internal	Internal	Internal	
L2	MAC address	2K	8K	8K	8K	8K
	802.1D STP, 802.1w RSTP		•	•	•	•
	802.3ad link aggregation		•	•	•	•
	Ethernet ring protection switching (ERPS)		•	•	•	•
VLAN	VLAN group (max static)		128	128	128	128
	Port-based VLAN, Asymmetric VLAN		•	•	•	•
	Auto Voice/Surveillance VLAN		•	•	•	•
QoS	Number of queues per port		4	4	4	4
	Bandwidth control (min. granularity)		• (16 Kbps)	• (16 Kbps)	• (16 Kbps)	• (16 Kbps)
SURVEILLANCE MODE	Video Surveillance Mode		•	•	•	•
	ONVIF Device Discovery		•	•	•	•
	Video Surveillance Topology		•	•	•	•
	Video Surveillance Device Information		•	•	•	•

* The 250m long range mode is subject to cabling quality and/or IP camera's electrical design. Compatibility testing is recommended prior to use. UTP CAT5e rated cables (or higher) are required.

SWITCHES



10 Gigabit Smart Managed



Beyond Gigabit Connectivity
Performance and speed

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

	10 Gigabit Ethernet						
	DXS-1210-10TS	DXS-1210-12TC	DXS-1210-12SC	DXS-1210-16TC	DXS-1210-28T	DXS-1210-28S	
HARDWARE	MODEL	DXS-1210-10TS	DXS-1210-12TC	DXS-1210-12SC	DXS-1210-16TC	DXS-1210-28T	DXS-1210-28S
	Number of 100/1000/2.5G/5G/10GBASE-T ports	8	8		12		
	Number of 10GBASE-T ports					24	4
	Number of Combo 100/1000/2.5G/5G/10GBASE-T/SFP+ ports		2	2	2		
	Number of 10G SFP+ ports	2	2	10	2		24
	Number of 10G SFP+/25G SFP28 ports					4	
	Switching capacity	200 Gbps	240 Gbps	240 Gbps	320 Gbps	680 Gbps	560 Gbps
	Smart fan	2	2	2	2	2	2
	D-Link Green	•	•	•	•	•	•
	802.3az EEE	•	•	•	•	•	•
Power supply type	Internal	Internal	Internal	Internal	Internal	Internal	
L2	MAC address	32K	32K	32K	32K	32K	32K
	802.1D STP, 802.1w RSTP, 802.1s MSTP	•	•	•	•	•	•
	802.3ad link aggregation	•	•	•	•	•	•
VLAN	VLAN group (max static)	4K	4K	4K	4K	4K	4K
	Port / MAC / protocol-based VLAN, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port	Port
	Asymmetric VLAN	•	•	•	•	•	•
	Auto Voice/Surveillance VLAN	•	•	•	•	•	•
L3	IP interfaces	8	8	8	8	4	4
	IPv6 support	•	•	•	•	•	•
	Static route for IPv4/IPv6	64/64	64/64	64/64	64/64	128/64	128/64
QOS	Number of queues per port	8	8	8	8	8	8
	CoS based on contents	•	•	•	•	•	•
	Bandwidth control (min. granularity)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)
ACL	ACL (Ingress / Egress / VLAN-based ACL)	• (VLAN)	• (VLAN)	• (VLAN)	• (VLAN)	•	•
	Based on packet contents	•	•	•	•	•	•
SECURITY	SSH, SSL (v1/v2/v3)	•	•	•	•	•	•
	IP-MAC-port binding (IMPB)	•	•	•	•	•	•
	ARP spoofing	•	•	•	•	•	•
MANAGEMENT/AAA	802.1X access control	•	•	•	•	•	•
	RADIUS	•	•	•	•	•	•
	SNMP (v1/v2c/v3), RMON v1	•	•	•	•	•	•
	LLDP-MED	•	•	•	•	•	•
	ICMPv6	•	•	•	•	•	•
	Command Line Interface (CLI)	Full	Full	Full	Full	Full	Full
	Console port	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45
Nuclias Connect	•	•	•	•	•	•	

SWITCHES

Multigigabit/Gigabit Layer 3 Managed with 10G Uplinks

Gigabit Ethernet with 10G Uplinks

Multigigabit Ethernet with 25G Uplinks

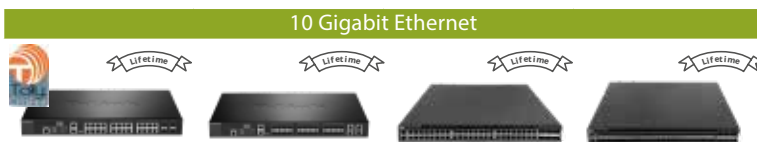


	MODEL	DGS-3130-30TS	DGS-3130-30PS	DGS-3130-30S	DGS-3130-54TS	DGS-3130-54PS	DGS-3130-54S	DMS-3130-30TS	DMS-3130-30PS
HARDWARE	Number of 10/100/1000BASE-T ports	24	24		48	48			
	Number of Gigabit SFP ports			24			48		
	Number of 100/1000/2.5GBASE-T ports							24	16
	Number of 100/1000/2.5G/5GBASE-T ports								8
	Number of 100/1000/2.5G/5G/10GBASE-T ports							2	2
	Number of 10GBASE-T ports	2	2	2	2	2	2		
	Number of 10G SFP+ ports	4	4	4	4	4	4		
	Number of 10G SFP+/25G SFP28 ports							4	4
	Switching capacity	168 Gbps	168 Gbps	168 Gbps	216 Gbps	216 Gbps	216 Gbps	360 Gbps	400 Gbps
	PoE standards		802.3af, 802.3at			802.3af, 802.3at			802.3af, 802.3at, 802.3bt
PoE power budget		370 W (740 W with RPS)			370 W (740 W with RPS)			740 W (960 W with RPS)	
PoE capable ports		Ports 1-24, up to 30 W (with Perpetual PoE / Fast PoE)			Ports 1-48, up to 30 W (with Perpetual PoE / Fast PoE)			Ports 1-16, up to 30 W Ports 17-24, up to 60 W	
Power supply type	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	
Physical stacking (device / max bandwidth)	• (9*/80G)	• (9*/80G)	• (9*/80G)	• (9*/80G)	• (9*/80G)	• (9*/80G)	• (9/200G)	• (9/200G)	
Virtual stacking (device)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	
L2	MAC address	Up to 16K	Up to 16K	Up to 16K	Up to 16K	Up to 16K	Up to 16K	Up to 32K	Up to 32K
	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	4K	4K	4K	4K
	Port / MAC / protocol-based VLAN, GVRP	•	•	•	•	•	•	•	•
	Asymmetric, Private, ISM, Super, Voice VLAN	•	•	•	•	•	•	•	•
L3	IPv4/IPv6 routing table	1024 / 512	1024 / 512	1024 / 512	1024 / 512	1024 / 512	1024 / 512	1024 / 512	1024 / 512
	IPv4/IPv6 forwarding table	2048 / 1024	2048 / 1024	2048 / 1024	2048 / 1024	2048 / 1024	2048 / 1024	2048 / 1024	2048 / 1024
	IP interfaces	16	16	16	16	16	16	128	128
	IPv6 neighbour discovery (ND)	•	•	•	•	•	•	•	•
	Static route for IPv4/IPv6	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256
	VRRP	•	•	•	•	•	•	•	•
	Multicasting	•	•	•	•	•	•	•	•
	RIP v1/v2, RIPng, OSPFv2/v3	•	•	•	•	•	•	•	•
QoS	Number of queues per port	8	8	8	8	8	8	8	8
	CoS based on contents	•	•	•	•	•	•	•	•
	Bandwidth control (min. granularity)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)
ACL	Single/two rate Three Colour Marker	•	•	•	•	•	•	•	•
	ACL (Ingress / Egress / VLAN-based)	•	•	•	•	•	•	•	•
SECURITY	Based on packet contents	•	•	•	•	•	•	•	•
	SSH, SSL (v1/v2/v3)	•	•	•	•	•	•	•	•
	IP-MAC-port binding (IMPB)	•	•	•	•	•	•	•	•
	ARP spoofing, BPDU attack protection	•	•	•	•	•	•	•	•
AAA	802.1X access control, Microsoft NAP	•	•	•	•	•	•	•	•
	RADIUS/TACACS+ authentication	•	•	•	•	•	•	•	•
MANAGEMENT	SNMP (v1/v2c/v3), RMON v1/v2, sFlow	•	•	•	•	•	•	•	•
	LLDP-MED	•	•	•	•	•	•	•	•
	802.3ah, 802.1ag, ITU-T Y.1731	•	•	•	•	•	•	•	•
	Command Line Interface (CLI)	Full	Full	Full	Full	Full	Full	Full	Full
Out-of-Band Console/Management port	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	

² 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).

SWITCHES

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



	MODEL	DXS-3400-24TC	DXS-3400-24SC	DXS-3610-54T/SI	DXS-3610-54S/SI
HARDWARE	Number of 10GBASE-T ports	20		48	
	Number of Combo 10GBASE-T/SFP+ ports	4	4		
	Number of 10G SFP+ ports		20		48
	Number of 40G QSFP+/100G QSFP28 ports			6	6
	Switching capacity	480 Gbps	480 Gbps	2.16 Tbps	2.16 Tbps
HARDWARE	Power supply redundancy	1+1	1+1	1+1	1+1
	Physical stacking (device / max bandwidth)	• (4/80G)	• (4/80G)	• (12/1200G) / MLAG	• (12/1200G) / MLAG
	Virtual stacking (device)	• (32)	• (32)	• (32)	• (32)
	MAC address	48K	48K	Up to 288K	Up to 288K
L2	802.1D STP, 802.1w RSTP, 802.1s MSTP	•	•	•	•
	Ethernet ring protection switching (ERPS)	•	•	•	•
	802.3ad, 802.1AX link aggregation	•	•	• (802.1AX only)	• (802.1AX only)
VLAN	VLAN group (max static)	4K	4K	4K	4K
	Port / MAC / protocol-based VLAN, GVRP	•	•	•	•
	Port-based, selective double VLAN	•	•	•	•
	ISM, Super, Voice VLAN	•	•	• (Super/ISM VLAN)	• (Super/ISM VLAN)
DataSDN	VXLAN				
	ONIE				
DataSDN	OpenFlow			v1.3	v1.3
	DCB - 802.1Qbb, 802.1Qaz	•	•	• (802.1Qbb)	• (802.1Qbb)
L3	IPv4/IPv6 routing table	4K / 1K	4K / 1K	32K / 16K	32K / 16K
	IPv4/IPv6 forwarding table	32K / 16K	32K / 16K	144K / 72K	144K / 72K
	IP interfaces	256	256	256	256
	Static route for IPv4/IPv6	256 / 128	256 / 128	1K / 512	1K / 512
	IPv6 tunneling			•	•
	Multicasting			• (/EI)	• (/EI)
	PIM-DM/SM, DVMRPv3			• (/EI)	• (/EI)
RIP v1/v2, RIPng, MPLS, VPLS	•	•	• (MPLS, VPLS with /EI)	• (MPLS, VPLS with /EI)	
OSPFv2/v3, BGP4/BGP4+			• (BGP4/BGP4+ with /EI)	• (BGP4/BGP4+ with /EI)	
QoS	Number of queues per port	8	8	8	8
	CoS based on contents	•	•	•	•
	Bandwidth control (min. granularity)	• (64Kbps)	• (64Kbps)	• (8Kbps)	• (8Kbps)
ACL	Single/two rate Three Color Marker			•	•
	ACL (Ingress / Egress / VLAN-based)	•	•	•	•
SECURITY	Based on packet contents	•	•	•	•
	SSH, SSL (v1/v2/v3)	•	•	•	•
	IP-MAC-port binding (IMPB)	•	•	•	•
	ARP spoofing, BPDU attack protection	•	•	•	•
AAA	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	•	•	•	•
	Command Line Interface (CLI)	Full	Full	Full	Full
Out-of-Band Console/Management port	RJ45	RJ45	RJ45	RJ45	

Redundant Power Supplies



MODEL	DPS-500A	DPS-520	DPS-700	DPS-PWR740AC	DXS-PWR300AC	DXS-PWR700AC
Output Power	140 W	180 W	589 W	740 W	300 W	770 W
Input Power	90 to 264 V AC	90 to 264 V AC	90 to 264 V AC	90 to 264 V AC	85 to 264 V AC	90 to 264 V AC
Dimensions	172x257x43mm	196x257x52mm	441 x139x44mm	185x73.5x40mm	275 x79 x40 mm	322x55x40 mm
Mounting Options	DPS-800	DPS-800	19in Rack, 1U	N/A	N/A	N/A



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

COMPATIBLE SWITCHES	DPS-500A	DPS-520	DPS-700	DPS-PWR740AC	DXS-PWR300AC	DXS-PWR700AC
DGS-1510-52XMP			•			
DGS-1520-28		•				
DGS-1520-28MP			•			
DGS-1520-52		•				
DGS-1520-52MP			•			
DGS-3130-30TS	•					
DGS-3130-30S	•					
DGS-3130-30PS			•			
DGS-3130-54TS	•					
DGS-3130-54S	•					
DGS-3130-54PS			•			
DMS-3130-30TS	•					
DMS-3130-30PS				•		
DGS-3630-28SC	•					
DGS-3630-28TC	•					
DGS-3630-28PC			•			
DGS-3630-52TC	•					
DGS-3630-52PC			•			
DXS-3400-24TC					•	
DXS-3400-24SC					•	
DXS-3600-32S					•	
DXS-3610-54T						•
DXS-3610-54S						•


VPN ROUTERS / NMS

Unified Services
VPN Router



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

Power over Ethernet (PoE) Adapter / Extender

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












D-View 8



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

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



-  **Real-Time Network Analytics**
-  **Rich Resource Management**
-  **sFlow Analyser**
(Enterprise version only)
-  **Inventory Management**
-  **Role-Based Administration**
-  **Batch Configuration**
-  **Intuitive Dashboard**
-  **Firmware Management**
-  **Centralised Reporting**
-  **Service Monitoring**
-  **Flexible and Scalable Deployment**

Download a 90-day free trial or see an online demo today!

dview.dlink.com

INDUSTRIAL SWITCHES



Designed for a more connected future

1 Rugged, Hardened Design

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

2 High Availability

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

3 Flexible Options

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

Industrial Ethernet Switches

Rugged and reliable

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



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

Industrial Gigabit Switches



		Unmanaged					Layer 2 Smart Managed		Layer 2 Managed			Layer 2+	
	MODEL	DIS-100E-5W/8W	DIS-100G-5W	DIS-100G-5SW	DIS-100G-5PSW	DIS-100G-6S/10S	DIS-200G-12S	DIS-200G-12PS	DIS-300G-12SW	DIS-300G-8PSW	DIS-300G-14PSW	DIS-700G-28XS	
HARDWARE	Number of 10/100BASE-TX ports	5 / 8											
	Number of 10/100/1000BASE-T ports	5											
	Number of 100/1000 Mbps SFP ports	1											
	Number of 10G SFP+ ports	1											
	PoE standards	802.3af, 802.3at											
	PoE power budget	120 W											
	PoE capable ports	Ports 1-4, up to 30 W											
	Input voltage range	12-58 VDC	12-58 VDC	12-58 VDC	12-58 VDC, 54-58V for PoE+, 48-58V for PoE	12-48 VDC	12-48 VDC	48-58 VDC	12-58 VDC	48-58 VDC (54~58V VDC for PoE+)	48-58 VDC (54~58V VDC for PoE+)	Dual 20-58 VDC	
	Compatible power supplies	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-H30-24, DIS-H60-24, DIS-N240-48, DIS-N480-48	DIS-H30-24, 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-N240-48, DIS-N480-48	DIS-H60-24
	Redundant power input option	.											
Mounting option	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	Din-rail and wall	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	-20*to 65°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	-40 to +75°C	
Vibration, shock and freefall certification	Vibration: IEC60068-2-6; Shock: IEC60068-2-27; Free Fall: IEC60068-2-32												
EMC certification	FCC Part 15, 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	IP30	IP30	IP30	IP40	IP30	IP30	IP30	IP30	IP30	IP30	IP30	
MAC address	1K	2K	2K	2K	4K	8K	8K	8K	8K	8K	8K	8K	
802.1D STP; 802.1w RSTP; 802.1s MSTP	.												
Fast Failover Protection Rings	.												
802.3ad, 802.1AX link aggregation	.												
VLAN group (max static)	128												
Port / MAC / protocol-based VLAN, GVRP	Port-based, GVRP												
Port-based double VLAN	.												
Auto-Servillance, Voice VLAN	.												
Multicast protocols	IGMP v1/v2, IGMP snooping												
802.1p	.												
Policy-based access control engine	.												
Number of queues per port	4												
Traffic shaper	Port-based												
Traffic policer	TrTCM												
Multicast/Broadcast/Flooding Storm Control	.												
Access control	Web-based												
802.1X access control	.												
RADIUS/TACACS+ authentication	RADIUS only												
SNMP (v1/v2c/v3), RMON v1	SNMP only												
Web-based management	.												
Command line interface (CLI)	.												
HTTPs, SSH	.												
Syslog	.												
Command Line Interface (CLI)	Full												
Console port	RJ45												



MODEL	DWM-312W*/DWM-313 4G LTE M2M Router
Mobile networks	LTE Cat.4/UMTS/HSPA/GSM/GPRS/EDGE
Maximum speed	150 Mbps down / 50 Mbps up (LTE)
Device interface	<ul style="list-style-type: none"> 1 x 10/100 Fast Ethernet WAN/LAN port 1 x 10/100 Fast Ethernet LAN port 1 x DC input 3 x SMA (antenna connectors) Dual Micro-SIM slots DI/DO/grounding ports (DWM-312W only)
Wi-Fi	802.11n/g/b (2.4GHz)
Advanced features	<ul style="list-style-type: none"> QoS engine (Quality of Service) L2TP/PPTP/IPSec VPN Client/Server modes SNMP agent Firmware over the air (FOTA) upgrades Web-based UI Integrated VPN client and server
Power input	DC 5V / 2A ~ 18V / 0.7A (DWM-312) DC 9V / 2A ~ 36V / 0.7A (DWM-312W)
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
Media Converter	DIS-M100G5W	Industrial 10/100/1000Base-T to SFP Media Converter • IP30-rated housing • -40~70°C operating temperature

* Available in UK only

SWITCH ACCESSORIES

SFP/SFP+ Transceivers

Fast Ethernet SFP Transceivers



MODEL	DEM-211
Standard	IEEE 802.3u 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	DEM-312GT2
Standard	IEEE 802.3ab 1000BASE-T	IEEE 802.3z 1000BASE-LX	IEEE 802.3z 1000BASE-SX	IEEE 802.3z 1000BASE-SX
Connector	RJ45	Duplex LC	Duplex LC	Duplex LC
Cable Type (Maximum Distance)	Single-Mode	9/125 µm fibre (10 km)		
	Multi-Mode		50/125 µm fibre (550 m) 62.5/125 µm fibre (220 m)	62.5/125 µm fibre (1 km) 50/125 µm fibre (2 km)
	Cat	Cat5, Cat5e, Cat6		
Wavelength		1310 nm	850 nm	1310 nm
Power	3.3 V	3.3 V	3.3 V	3.3 V
Hot-Pluggable	•	•	•	•

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



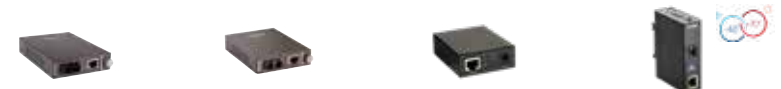
MODEL	DEM-410T	DEM-431XT	DEM-432XT	DEM-S2801SR	DEM-S2801LR	DEM-QX01Q-SR4	DEM-QX10Q-LR4
Standard	IEEE 802.3an 10GBase-T	IEEE 802.3ae 10GBASE-SR	IEEE 802.3ae 10GBASE-LR	IEEE 802.3by 25GBASE-SR	IEEE 802.3cc 25GBASE-LR	40G BASE-SR4	40G BASE-LR4
Connector	RJ45	Duplex LC	Duplex LC	Duplex LC	Duplex LC	MPO	Duplex LC
Cable Type (Maximum Distance)	Single-Mode		9/125 µm fibre (10 km)		9/125 µm fibre (10 km)		9/125 µm fibre (10 km)
	Multi-Mode		50/125 µm fibre (OM2 -82 m, OM3 -300 m), 62.5/125 µm fibre (OM1 -33 m)		50/125 µm (OM3-70 m, OM4-100 m)		50/125 µm fibre Single 1x12 MPO receptacle (female) (OM3 MMF: 100 m, OM4 MMF: 150 m)
	Cat	Cat5e, Cat6a (30 m)					
Wavelength		850 nm	1310 nm	850 nm	1310 nm	850 nm	1310 nm
Power	3.3 V	3.3 V	3.3 V	3.3 V	3.3 V	3.3 V	3.3 V
Hot-Pluggable	•	•	•	•	•	•	•

Switch Cables



MODEL	DEM-CB100S/300S	DEM-CB300QXS	DEM-CB100QXS-4XS	DEM-CB100Q28
Cable Series Type	SFP+ Direct Attach	QSFP+ Direct Attach	QSFP+ Direct Attach	QSFP28 Direct Attach
Standard	SFP MSA	SFP MSA	SFP MSA	SFP MSA
Device Rate	10 Gbps	40 Gbps	40 Gbps	100 Gbps
Connector Type	SFP+ Cable Assembly	QSFP+ Cable Assembly	QSFP+ to four 10G SFP+ Cable Assembly	QSFP28 to QSFP28 Cable Assembly
Wire AWG	30	30	30	30
Minimum Cable Bend Radius	23.5 mm	32 mm	23 mm	34.5 mm
Cable Length	100/300 cm	300 cm	100 cm	100 cm
Voltage	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
Operating Temperature	-40°C to 85°C	-40°C to 85°C	-40°C to 75°C	-40°C to 75°C
Connectivity	Recommended for use only with D-Link Switching Products	Recommended for use only with D-Link Switching Products	Recommended for use only with D-Link Switching Products	Physical Stacking Cable for DXS-3610 Series

Media Converters



MEDIA CONVERTERS	DMC-300SC	DMC-810SC	DMC-G01LC	DIS-M100G-SW
Standards	10/100BASE-TX 100BASE-FX	1000BASE-T 1000BASE-LX	10/100/1000BASE-T SFP	1000BASE-T SFP
Connectors	SC / RJ45	SC / RJ45	SFP / RJ45	SFP / RJ45
Data Rate	100 Mbps	1 Gbps	10/100/1000 Mbps	1 Gbps
Fibre Type	Multi-Mode	Single-Mode	Dependent of SFP	Dependent of SFP
Maximum Distance	2 km	Up to 20 km	Dependent of SFP	Dependent of SFP
Operating Temperature	0 ~ 40 °C	0 ~ 40 °C	0 ~ 40 °C	-40 ~ 70 °C
IP-Rating	N/A	N/A	N/A	IP30

* With multiple units



Disclaimers and Trademarks

D-Link is a registered trademark of D-Link Corporation and its subsidiaries. Nuclias Cloud, Nuclias Connect, EAGLE PRO AI, AQUILA PRO AI, mydlink, VIP+, D-Link Green, D-Link Assist and others registered by D-Link which may have not been included in this list are trademarks or registered trademarks of D-Link Corporation and/or D-Link Europe Ltd in Europe and/or other countries. Other brand and product names may be the trademarks and properties of their respective holders. All information is subject to change without notice. All rights reserved. Copyright ©2024 D-Link Europe Limited.

Exclusions of Liability

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

eu.dlink.com

