

# BUSINESS SWITCHING



**D-Link**<sup>®</sup>  
FOR BUSINESS





## POWER UP WITH D-LINK'S POE SOLUTIONS

With D-Link PoE switches, you can take advantage of the latest advancements in PoE technology to power and manage a wide range of devices and unlock new opportunities for innovation within your business. Whether you're looking to improve your network infrastructure, streamline installation and maintenance processes, or simply take advantage of the convenience, flexibility and cost savings that PoE offers, D-Link has the PoE switch to meet your unique connectivity needs.

We've created a PoE Switch Quick Reference Guide that highlights the key features of each product. Browse our selection of PoE solutions today and discover how D-Link can help you achieve your connectivity goals.

### THE BENEFITS AND ADVANCEMENTS OF POWER OVER ETHERNET (PoE) SWITCHES

Power over Ethernet (PoE) switches are a revolutionary technology that enable devices to be powered and network-connected over a single Ethernet cable. This eliminates the need for separate power cables and allows for devices such as wireless access points, IP cameras, VoIP phones, PoE LED lighting, PoE speakers, and IoT devices to be deployed anywhere within your network infrastructure, regardless of the availability of power outlets.

PoE switches offer a convenient and cost-effective solution for businesses and organisations of all sizes, as they eliminate the need for additional electrical infrastructure and can simplify installation and maintenance processes. PoE switches can support various power levels and data rates, allowing for more flexibility in device deployment and management. Additionally, PoE technology is rapidly advancing, with new standards and features being introduced to support higher power levels, faster data rates, and more advanced device management.

IEEE 802.3af (PoE)	IEEE 802.3at (PoE+)	IEEE 802.3bt (PoE++)
Type 1	Type 2	Type 3 and 4
The original PoE standard, also known as IEEE 802.3af, delivers up to 15.4 watts of power per ethernet port and can transmit power and data up to 100 metres from the switch. Devices that can be powered by Type 1 PoE include IP phones, wireless access points, and security cameras.	PoE+ effectively doubles the PoE power to the device providing 30w of power to the Ethernet port to be sent= 25.5 watts of delivered power per port at 100 metres from the switch. Device examples include video phones, Wi-Fi 6 access points, thin clients, point-of-sale systems and Pan tilt cameras.	PoE++ (bt) now effectively doubles the PoE+ power to the device by providing 60W (Type 3) or 90W (Type 4) of power. Device examples include high performance Wi-Fi 6/7 access points, LED lighting, audio speakers, remote computer terminals and thin clients.

# D-Link's PoE Switch Range



## Unmanaged PoE Switches

D-Link Unmanaged PoE switches provide easy plug-and-play connectivity with no configuration required. Our **DGS-10xx/ DES10xx** series ranges from 5 to 26 ports with a power budget of up to 370W, perfect for small businesses and home networks. \*No management interface available

## Smart Managed PoE Switches

D-Link Smart switches offer PoE options with ports ranging from 5 to 52 and power budgets of up to 370W (740W with an optional DPS-700 redundant power supply). These switches are ideal for high-performance networks that require PoE flexibility, robust management capabilities, VLAN support, and QoS prioritisation. PoE support enables powering of various devices over Ethernet, such as wireless access points, cameras, phones, IoT, LED lighting, speakers, medical equipment, laptops, tablets, digital signage, TVs, and AV devices. D-Link Smart switches are a reliable and cost-effective solution for managing many network devices in indoor and outdoor locations like offices, hotels, hospitals, warehouses, and homes. The Smart Switch Family Series includes a variety of switches to fit your specific needs.

**DGS-1100 v2 Series** switches offer a simplified web-based interface for easy network management and configuration.



**DGS-1210/DGS-1250 Series**, our best-selling switches, introduce both layer 3 features and SFP ports for fiber cabling.



**DGS-1510/DGS-1520 Series** introduce 10G fiber and 'stacking' which allows many switches to combine together into one.





## D-Link's PoE Switch Range

### Long Range PoE Switches and Extender



The **DSS-200G Series** and **DSS-100E-9P** are versatile PoE solutions that allow devices to be connected and powered over longer distances. These switches can connect and power PoE devices up to 250m away, while the **DPE-302GE**, in a daisy chain configuration of up to 5 units, can connect devices up to an incredible 500m distance. The **DSS-200G Series** offers up to 90W per port PoE++ support with up to 518W of PoE power budget. All devices have built-in surge protection, which prevents damage to your surveillance network in the event of a lightning strike.



### Nuclias Cloud Managed PoE Switches



D-Link Nuclias Cloud-Managed Switches are pre-configured and managed through the cloud web interface or app. These Layer 2 switches support up to 10 Gbps, 370W PoE power budget, 6 kV surge protection, and automatic Voice VLAN. With 10 to 52 ports, they can power and connect access points, cameras, VoIP phones, and more. Enjoy cost-effective cloud management, rapid deployment, and unlimited scalability with Nuclias Cloud-Managed Switches for optimised network infrastructure.

## D-Link's PoE Switch Range



### Industrial Hardened Gigabit PoE Switches

D-Link's industrial switches offer reliable and high-performance network connectivity in challenging environments. The Series has a rugged IP30-rated metal casing, wide temperature range operation, and high electromagnetic compatibility. With built-in 6 kV surge protection on all copper ports, it can withstand sudden power surges and lightning strikes.

**DIS-100G-5PSW** provides easy plug-and-play connectivity with up to 5 ports supporting 30W per port and a total PoE power budget of 120W.

**DIS-200G and DIS-300G Series** offers a Smart L2 managed solution with 12 ports supporting up to 30W per port and a total PoE power budget of 240W. It includes advanced features such as VLAN support, QoS, and IGMP snooping, making it ideal for more complex networking applications.

### Fully Managed L3 PoE Switches










**D-Link's Fully Managed L3 PoE Switches** provide advanced features for businesses, ISPs, and enterprises that require high-performance networks with PoE flexibility and robust management capabilities. **DGS-3130, DGS-3630 series and DMS-3130-30PS** switches offer Layer 3 capabilities, allowing for advanced routing and traffic management, while supporting VLANs, QoS prioritisation, and advanced security features such as Multi-layer and Packet Content Access Control Lists, Storm Control, and IP-MAC-Port Binding. These switches have ports ranging from 30 to 54, with power budgets of up to 370W (740W with the DPS-700 power redundancy supply) and for the DMS-3130-30PS (960W with two power redundancy supply) The option for redundant power supplies and switch stacking feature provides high availability and flexibility, while the management options include a variety of industry-standard CLI, web GUI, and SNMP.









## PoE SWITCH QUICK REFERENCE GUIDE



Unmanaged PoE Switches		Switch Type	Total Ports	Ports of PoE	Port Features		Max. Power per Port	Total PoE Power Budget
					No.	Type		
					DGS-1005P			
DES-1008PA		10/100 Unmanaged	8	4	1-4 5-8	10/100 PoE 10/100	15.4W ---	52W
DGS-1005P		Gigabit Unmanaged	5	4	1-4 5	10/100/1000 PoE 10/100/1000	30W ---	60W
DGS-1008P		Gigabit Unmanaged	8	4	1-4 5-8	10/100/1000 PoE 10/100/1000	30W ---	68W
DGS-1008MP		Gigabit Unmanaged	8	8	1-8	10/100/1000 PoE	30W	125W
DGS-1026MP		Gigabit Unmanaged	26	24	1-24 25-26	10/100/1000 PoE 10/100/1000 or SFP	30W ---	370W

Unmanaged Long Range PoE Switch		Switch Type	Total Ports	Ports of PoE	Port Features		Max. Power per Port	Total PoE Power Budget
					No.	Type		
					DSS-100E-9E			

Smart Managed L2 PoE Switches		Switch Type	Total Ports	Ports of PoE	Port Features		Max. Power per Port	Total PoE Power Budget
					No.	Type		
					DGS-1100-05PDV2			
DGS-1100-08PV2		Gigabit Smart L2	8	8	1-8	10/100/1000 PoE	30W	64W
DGS-1100-10MPV2		Gigabit Smart L2	10	8	1-8 9-10	100/1000 PoE Gigabit SFP	30W ---	130W
DGS-1100-24PV2		Gigabit Smart L2	24	12	1-12 13-24	10/100/1000 PoE 10/100/1000	30.0W ---	100W
DGS-1100-26MPV2		Gigabit Smart L2	26	24	1-24 25-26	100/1000 PoE 10/100/1000 or SFP	30W ---	370W
DMS-1100-10TP		Multi-Gigabit Smart L2	10	8	1-8 9-10	100/1000/2.5G PoE 10GbE SFP+	30W ---	240W





# PoE SWITCH QUICK REFERENCE GUIDE



Smart Managed L2 Long Range PoE Switches		Switch Type	Total Ports	Ports of PoE	Port Features		Max. Power per Port	Total PoE Power Budget
					No.	Type		
DSS-200G-10MP		Gigabit Smart L2	10	8	1 - 8	10/100/1000 PoE	30.0W	130W
					9 - 10	Gigabit SFP	---	
DSS-200G-10MPP		Gigabit Smart L2	10	8	1 - 8	10/100/1000 PoE	90.0W	242W
					9 - 10	Gigabit SFP	---	
DSS-200G-28MP		Gigabit Smart L2	28	24	1 - 24	10/100/1000 PoE	30.0W	370W
					25 - 28	10/100/1000 or SFP	---	
DSS-200G-28MPP		Gigabit Smart L2	28	24	1 - 8	10/100/1000 PoE	90.0W	518W
					9 - 24	10/100/1000 PoE	30.0W	
					25 - 28	10/100/1000 or SFP	---	

Smart Managed L2/L3 PoE Switches		Switch Type	Total Ports	Ports of PoE	Port Features		Max. Power per Port	Total PoE Power Budget
					No.	Type		
DGS-1210-08P		Gigabit Smart L3 Lite	10	8	1 - 8	10/100/1000 PoE	30.0W	65W
					9 - 10	Gigabit SFP	---	
DGS-1210-10P		Gigabit Smart L3 Lite	10	8	1 - 8	10/100/1000 PoE	30.0W	65W
					9 - 10	Gigabit SFP	---	
DGS-1210-10MP		Gigabit Smart L3 Lite	10	8	1 - 8	10/100/1000 PoE	30.0W	130W
					9 - 10	Gigabit SFP	---	
DGS-1210-24P		Gigabit Smart L3 Lite	28	24	1 - 24	10/100/1000 PoE	30.0W	193W
					25 - 28	10/100/1000 or SFP	---	
DGS-1210-28P		Gigabit Smart L3 Lite	28	24	1 - 24	10/100/1000 PoE	30.0W	193W
					25 - 28	10/100/1000 or SFP	---	
DGS-1210-28MP		Gigabit Smart L3 Lite	28	24	1 - 24	10/100/1000 PoE	30.0W	370W
					25 - 28	10/100/1000 or SFP	---	
DGS-1210-52MP		Gigabit Smart L3 Lite	52	48	1 - 48	10/100/1000 PoE	30.0W	370W
					49 - 52	10/100/1000 or SFP	---	
DGS-1250-28XMP		Gigabit Smart L3 Lite	28	24	1 - 24	10/100/1000 PoE	30W	370W
					25 - 28	10G SFP+	---	
DGS-1250-52XMP		Gigabit Smart L3 Lite	52	48	1 - 48	10/100/1000 PoE	30W	370W
					49 - 52	10G SFP+	---	
DGS-1510-28P Stackable		Gigabit Smart L3 Lite	28	24	1 - 24	10/100/1000 PoE	30W	193W
					25 - 26	Gigabit SFP	---	
					27 - 28	10G SFP+	---	
DGS-1510-28XMP Stackable		Gigabit Smart L3 Lite	28	24	1 - 24	10/100/1000 PoE	30W	370W
					25 - 28	10G SFP+	---	
DGS-1510-52XMP Stackable		Gigabit Smart L3 Lite	52	48	1 - 48	10/100/1000 PoE	30W	370W <sup>(1)</sup>
					49 - 52	10G SFP+	---	
DGS-1520-28MP Stackable		Gigabit Smart L3	28	24	1 - 20	10/100/1000 PoE	30W	370W <sup>(1)</sup>
					21 - 24	100/1000/2.5G PoE	30W	
					25 - 26	10GBASE-T	---	
					27 - 28	10G SFP+	---	
					29 - 30	10G SFP+	---	
DGS-1520-52MP Stackable		Gigabit Smart L3	52	48	1 - 44	10/100/1000 PoE	30W	370W <sup>(1)</sup>
					45 - 48	100/1000/2.5G PoE	30W	
					49 - 50	10GBASE-T	---	
					51 - 52	10G SFP+	---	
					53 - 54	10G SFP+	---	



# PoE SWITCH QUICK REFERENCE GUIDE



## Nuclias Cloud Managed L2 PoE Switches

		Switch Type	Total Ports	Ports of PoE	Port Features		Max. Power per Port	Total PoE Power Budget
					No.	Type		
DBS-2000-10MP		Nuclias Cloud Managed L2	10	8	1 - 8 9 - 10	10/100/1000 PoE Gigabit SFP	30.0W ---	130W
DBS-2000-28P		Nuclias Cloud Managed L2	28	24	1 - 24 25 - 28	10/100/1000 PoE 10/100/1000 or SFP	30.0W ---	193W
DBS-2000-28MP		Nuclias Cloud Managed L2	28	24	1 - 24 25 - 28	10/100/1000 PoE 10/100/1000 or SFP	30.0W ---	370W
DBS-2000-52MP		Nuclias Cloud Managed L2	52	48	1 - 48 49 - 52	10/100/1000 PoE 10/100/1000 or SFP	30.0W ---	370W






## Managed PoE Switches

		Switch Type	Total Ports	Ports of PoE	Port Features		Max. Power per Port	Total PoE Power Budget
					No.	Type		
DGS-1210-10P/ME		Gigabit Managed L3 Lite	10	8	1 - 8 9 - 10	10/100/1000 PoE 100/1000 Mbps SFP ports	30W ---	78W
DGS-1210-28P/ME		Gigabit Managed L3 Lite	28	24	1 - 24 25 - 28	10/100/1000 PoE 100/1000 Mbps SFP ports	30W ---	193W
DGS-1210-52MP/ME		Gigabit Managed L3 Lite	52	48	1 - 8 9 - 48 48-52	10/100/1000 PoE 10/100/1000 PoE 100/1000 Mbps SFP ports	30W 15.4W ---	370W
DMS-3130-30PS Stackable		Multi-Gigabit Managed L3	30	24	1 - 16 17 - 24 25 - 26 27 - 30	100/1000/2.5G PoE 100/1000/2.5G PoE 10GBASE-T 10G/2.5G SFP28	30W 80W ---	960W w/two PSU 740W w/one PSU
DGS-3130-30PS Stackable		Gigabit Managed L3	30	24	1 - 24 25 - 26 27 - 30	10/100/1000 PoE 10GBASE-T 10G SFP+	30W ---	370W <sup>(1)</sup>
DGS-3130-54PS Stackable		Gigabit Managed L3	54	48	1 - 48 49 - 50 51 - 54	10/100/1000 PoE 10GBASE-T 10G SFP+	30W ---	370W <sup>(1)</sup>
DGS-3630-28PC Stackable		Gigabit Managed L3	28	24	1 - 20 21 - 24 25 - 28	10/100/1000 PoE 10/100/1000 PoE or SFP 10G SFP+	30W 30W ---	370W <sup>(1)</sup>
DGS-3630-52PC Stackable		Gigabit Managed L3	52	48	1 - 44 45 - 48 49 - 52	10/100/1000 PoE 10/100/1000 PoE or SFP 10G SFP+	30W 30W ---	370W <sup>(1)</sup>







<sup>1</sup> PoE budget may be increased to 740W with optional DPS-700 redundant power supply.



### Industrial Hardened Gigabit PoE Switches

		Switch Type	Total Ports	Ports of PoE	Port Features		Max. Power per Port	Total PoE Power Budget
					No.	Type		
DIS-100G-5PSW		Gigabit Unmanaged	5	4	1	Gigabit SFP	---	120W
					2 - 5	10/100/1000 PoE	---	
DIS-200G-12PS		Gigabit Smart L2	12	8	1 - 8	10/100/1000 PoE	30W	240W
					9 - 10	10/100/1000	---	
					11 - 12	Gigabit SFP	---	
DIS-300G-8PSW		Managed L3	8	4	1 - 4	10/100/1000 PoE	30W	120W
					5 - 6	10/100/1000	---	
					7 - 8	Gigabit SFP	---	
DIS-300G-14PSW		Managed L3	14	8	1 - 2	10/100/1000 PoE	60W	240W
					3 - 8	10/100/1000 PoE	30W	
					9-10	10/100/1000	---	
					11 - 14	Gigabit SFP	---	

### PoE Accessories

		Description
DPS-700		Redundant Power Supply; doubles PoE power budget on select switches
DPE-101GI		1-Port gigabit PoE Injector; IEEE 802.3af
DPE-301GI		1-Port gigabit PoE Injector; IEEE 802.3at
DPE-301GS		1-Port PoE Splitter; supports 5VDC, 9VDC & 12VDC output
DPE-302GE		2-Port PoE Extender, up to 100m per extender and up to 500m with 5 units <sup>2</sup>

<sup>2</sup> Up to 500m extension requires 802.11at PSE source

## D-Link Europe

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