



## Power over Ethernet

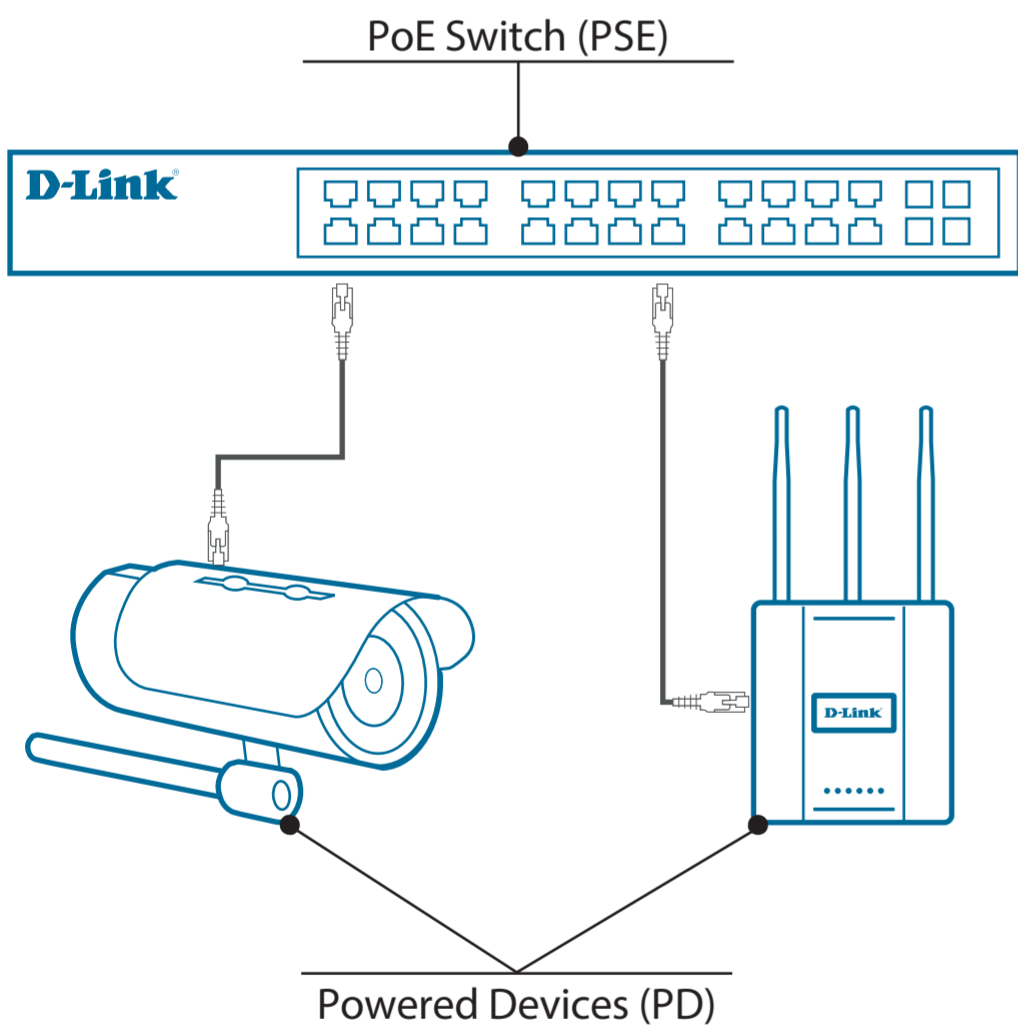
PoE technology allows PSE (Power Sourcing Equipment) to use a single twisted pair Ethernet cable to provide both data and electrical power to PDs (Powered Device) such as wireless access points, network cameras, IP phones, point-of-sale terminals, and other PoE compatible devices. The D-Link range includes over 50 PoE enabled switches, reaching up to 740 Watts per switch with a redundant power supply, making network device installation simpler, safer, and less expensive.

## PoE Standards

	PoE 802.3af	PoE+ 802.3at	PoE++ 802.3bt
Maximum power per PSE port	15.4W	30W	90W
Maximum power to PD	12.95W	25.5W	71-90W

## Specifications

Power Class	Max. power delivered by PSE	Power available at PD	PD Type	Standard
0	15.4	12.95	1	802.3af
1	4	3.84	1	
2	7	6.49	1	
3	15.4	12.95	1	802.3at
4	30	25.5	2	
5	45	40	3	802.3bt
6	60	51	3	
7	75	62	4	
8	90	71	4	



15W

IP Camera

Wireless AP

Wireless AP

IP Phone

IP Phone

30W

Outdoor AP

PTZ IP Camera

PTZ IP Camera

Video Phones

Video Phones

60W

Digital Signage

POS System

POS System

90W

PoE Connected Lighting Systems

## PoE up to 90W per port

Model	Port Count	PoE Ports	PoE Budget	RPS
<b>Smart PoE Switches</b>				
DGS-1100-26MPP/C	24 GE, 2 Combo	20 (802.3at) & 4 (802.3bt)	518W	-
DGS-1100-10MPP/C	8 GE, 2 SFP	6 (802.3at) & 2 (802.3bt)	242W	-

## PoE up to 30W per port

Model	Port Count	PoE Ports	PoE Budget	RPS
<b>Industrial PoE Switches</b>				
DIS-200G-12PS	10 x GE, 2 x SFP	8 (802.3at)	240W	-
DIS-100G-5PSW	4 x GE, 1 x SFP	4 (802.3at)	120W	-
<b>Managed PoE Switches</b>				
DGS-3630-52PC	44 x GE, 4 x Combo, 4 x 10G SFP+	48 (802.3at)	370W (740W with RPS)	DPS-700
DGS-3630-28PC	20 x GE, 4 x Combo, 4 x 10G SFP+	24 (802.3at)	370W (740W with RPS)	DPS-700
DGS-3620-52P	48 x GE, 4 x 10G SFP+	48 (802.3at)	370W (740W with RPS)	DPS-700
DGS-3420-28PC	20 x GE, 4 x Combo, 4 x 10G SFP+	24 (802.3at)	370W (740W with RPS)	DPS-700
DGS-3130-54PS	48 x GE, 2 x 10GE, 4 x 10G SFP+	48 (802.3at)	370W (740W with RPS)	DPS-700
DGS-3130-30PS	24 x GE, 2 x 10GE, 4 x 10G SFP+	24 (802.3at)	370W (740W with RPS)	DPS-700
DGS-3120-48PC	44 x GE, 4 x Combo, 2 x 10G CX4	48 (802.3at)	370W (740W with RPS)	DPS-700
DGS-3000-28LP	24 x GE, 4 x SFP	24 (802.3at)	193W	DPS-500A, DPS-500DC/B
DGS-3000-28XMP	24 x GE, 4 x 10G SFP+	24 (802.3at)	370W	DPS-500A, DPS-500DC/B
DGS-1520-52MP	44 x GE, 4 x 2.5GE, 2 x 10GE, 2 x 10G SFP+	48 (802.3at)	370W (740W with RPS)	DPS-700
DGS-1520-28MP	20 x GE, 4 x 2.5GE, 2 x 10GE, 2 x 10G SFP+	24 (802.3at)	370W (740W with RPS)	DPS-700
DGS-1210-52MPP/ME	48 x GE, 4 x SFP	48 (802.3at)	740W	-
DGS-1210-52MP/FL	48 x GE, 4 x combo	48 (802.3at)	370W	-
DGS-1210-52MP/ME	48 x GE, 4 x SFP	8 (802.3at) & 40 (802.3af)	370W	-
DGS-1210-52P/ME	48 x GE, 4 x SFP	8 (802.3at) & 16 (802.3af)	193W	-
DGS-1210-28MP/FL	24 x GE, 4 x combo	24 (802.3at)	370W	-
DGS-1210-28MP/ME	24 x GE, 4 x SFP	24 (802.3at)	370W	-
DGS-1210-28P/FL	24 x GE, 4 x combo	24 (802.3at)	193W	-
DGS-1210-28P/ME	24 x GE, 4 x SFP	4 (802.3at) & 20 (802.3af) (rev. A1) 24 (802.3at) (rev. B1)	193W	-
DGS-1210-10MP/FL	8 x GE, 2 x SFP	8 (802.3at)	130W	-
DGS-1210-10P/ME	8 x GE, 2 x SFP	8 (802.3at)	78W	-
DGS-1210-10P/FL	8 x GE, 2 x SFP	8 (802.3at)	65W	-

<b>Smart PoE Switches</b>				
DGS-1510-52XMP	48 x GE, 4 x 10G SFP+	48 (802.3at)	370W (740W with RPS)	DPS-700
DGS-1510-28XMP	24 x GE, 4 x 10G SFP+	24 (802.3at)	370W	-
DGS-1250-52XMP	48 x GE, 4 x 10G SFP+	48 (802.3at)	370W	-
DGS-1250-28XMP	24 x GE, 4 x 10G SFP+	24 (802.3at)	370W	-
DGS-1210-52MPP	48 x GE, 4 x SFP	48 (802.3at)	740W	-
DGS-1210-52MP/F	48 x GE, 4 x Combo	48 (802.3at)	370W	-
DGS-1210-28MP/F	24 x GE, 4 x Combo	24 (802.3at)	370W	-
DGS-1210-28P/F	24 x GE, 4 x Combo	24 (802.3at)	193W	-
DGS-1210-10MP/F	8 x GE, 2 x SFP	8 (802.3at)	130W	-
DGS-1210-10P/F	8 x GE, 2 x SFP	8 (802.3at)	65W	-
DES-1210-28P	24 x FE, 2 x GE, 2 x Combo	4 (802.3at) и 20 (802.3af)	193W	-
DGS-1100-26MP	24 x GE, 2 x combo	24 (802.3at)	370W	-
DGS-1100-24PV2	24 x GE	12 (802.3at)	100W	-
DGS-1100-10MP	8 x GE, 2 x SFP	8 (802.3at)	130W	-
DGS-1100-08PLV2	8 x GE	4 (802.3at)	80W	-
DGS-1100-05PDV2	5 x GE	2 (802.3at or 802.3af)	240W	-
DMS-1100-10TP	8 x 2.5GE, 2 x 10G SFP+	8 (802.3at)	240W	-

<b>Unmanaged Surveillance Switches with Long Range 250m PoE</b>				
DSS-100E-18P	16 x FE, 1 x GE, 1 x combo	16 (802.3at)	230W	-
DSS-100E-9P	8 x FE, 1 x GE	8 (802.3at)	92W	-
DSS-100E-6P	6 x FE	4 (802.3at)	55W	-
DES-1018MPV2	16 x FE, 2 x combo	16 (802.3at)	247W	-

<b>Unmanaged PoE Switches</b>				
DGS-1026MP	24 x GE, 2 x Combo	24 (802.3at)	370W	-
DGS-1010MP	9 x GE, 1 x SFP	8 (802.3at)	125W	-
DGS-1008MP	8 x GE	8 (802.3at)	125W	-
DGS-1008P/E	8 x GE	4 (802.3at)	80W	-
DGS-1005P	5 x GE	4 (802.3at)	60W	-
DES-1009MP	1x GE, 8 x FE	8 (802.3at)	117W	-
DES-1005P	5 x FE	4 (802.3at)	60W	-

## PoE up to 15.4W per port

Model	Port Count	PoE Ports	PoE Budget	RPS
<b>Smart PoE Switches</b>				
DES-1210-08P	8 x FE	8 (802.3af)	72W	-
<b>Unmanaged PoE Switches</b>				
DES-1008P	8 x FE	4 (802.3af)	52W	-