



Power over Ethernet

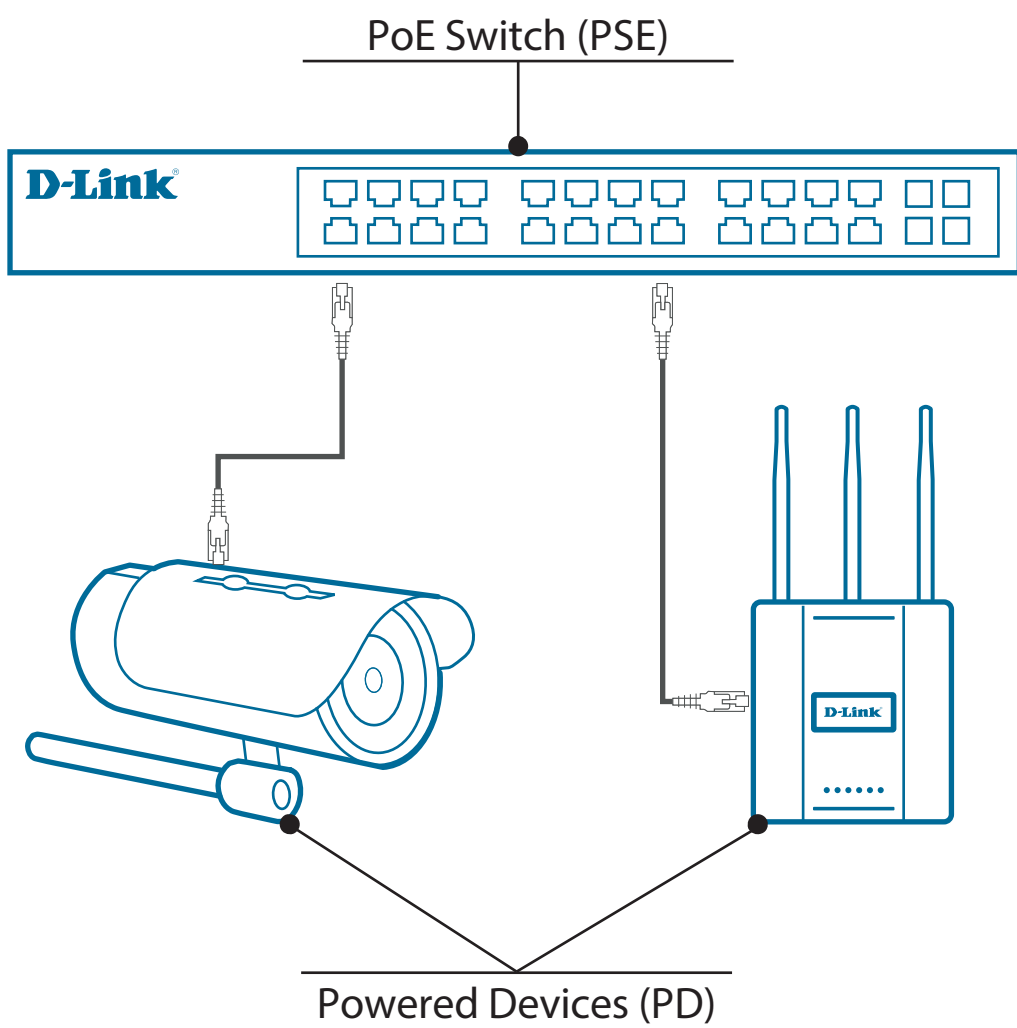
PoE technology allows PSE (Power Sourcing Equipment) to use a single twisted pair Ethernet cable to provide both data and electrical power to PDs (Powered Device) such as wireless access points, network cameras, IP phones, point-of-sale terminals, and other PoE compatible devices. The D-Link range includes 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
Smart PoE Switches				
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
Industrial PoE Switches				
DIS-200G-12PS	10 GE, 2 SFP	8 (802.3at)	240W	-
DIS-100G-5PSW	4 GE, 1 SFP	4 (802.3at)	120W	-
Managed PoE Switches				
DGS-3630-52PC	44 GE, 4 Combo, 4 10G SFP+	48 (802.3at)	370W (740 with RPS)	DPS-700
DGS-3630-28PC	20 GE, 4 Combo, 4 10G SFP+	24 (802.3at)	370W (740 with RPS)	DPS-700
DGS-3620-52P	48 GE, 4 10G SFP+	48 (802.3at)	370W (740 with RPS)	DPS-700
DGS-3420-52P	48 GE, 4 10G SFP+	48 (802.3at)	370W (740 with RPS)	DPS-700
DGS-3420-28PC	20 GE, 4 Combo, 4 10G SFP+	24 (802.3at)	370W (740 with RPS)	DPS-700
DGS-3130-54PS	48 GE, 2 10GE, 4 10G SFP+	48 (802.3at)	370W (740 with RPS)	DPS-700
DGS-3130-30PS	24 GE, 2 10GE, 4 10G SFP+	24 (802.3at)	370W (740 with RPS)	DPS-700
DGS-3120-48PC	44 GE, 4 Combo, 2 10G CX4	48 (802.3at)	370W (740 with RPS)	DPS-700
DGS-3000-28LP	24 GE, 4 SFP	24 (802.3at)	193W	DPS-500A, DPS-500DC/B
DGS-3000-28XMP	24 GE, 4 10G SFP+	24 (802.3at)	370W	DPS-500A, DPS-500DC/B
DGS-1210-52MPP/ME	48 GE, 4 SFP	48 (802.3at)	740W	-
DGS-1210-52MP/FL	48 GE, 4 Combo	48 (802.3at)	370W	-
DGS-1210-52MP/ME	48 GE, 4 SFP	8 (802.3at) & 40 (802.3af)	370W	-
DGS-1210-52P/ME	48 GE, 4 SFP	8 (802.3at) & 16 (802.3af)	193W	-
DGS-1210-28MP/FL	24 GE, 4 Combo	24 (802.3at)	370W	-
DGS-1210-28MP/ME	24 GE, 4 SFP	24 (802.3at)	370W	-
DGS-1210-28P/FL	24 GE, 4 Combo	24 (802.3at)	193W	-
DGS-1210-28P/ME	24 GE, 4 SFP	4 (802.3at) & 20 (802.3af) (rev. A1) 24 (802.3at) (rev. B1)	193W	-
DGS-1210-10MP/FL	8 GE, 2 SFP	8 (802.3at)	130W	-
DGS-1210-10P/ME	8 GE, 2 SFP	8 (802.3at)	78W	-
DGS-1210-10P/FL	8 GE, 2 SFP	8 (802.3at)	65W	-

Smart PoE Switches				
DGS-1510-52XMP	48 GE, 4 10G SFP+	48 (802.3at)	370W (740 with RPS)	DPS-700
DGS-1510-28XMP	24 GE, 4 10G SFP+	24 (802.3at)	370W	-
DGS-1510-28P	24 GE, 2 SFP, 2 10G SFP+	24 (802.3at)	193W	-
DGS-1250-52XMP	48 GE, 4 10G SFP+	48 (802.3at)	370W	-
DGS-1250-28XMP	24 GE, 4 10G SFP+	24 (802.3at)	370W	-
DGS-1210-52MPP	48 GE, 4 SFP	48 (802.3at)	740W	-
DGS-1210-52MP/F	48 GE, 4 Combo	48 (802.3at)	370W	-
DGS-1210-28MP/F	24 GE, 4 Combo	24 (802.3at)	370W	-
DGS-1210-28P/F	24 GE, 4 Combo	24 (802.3at)	193W	-
DGS-1210-10MP/F	8 GE, 2 SFP	8 (802.3at)	130W	-
DGS-1210-10P/F	8 GE, 2 SFP	8 (802.3at)	65W	-
DES-1210-28P	24 FE, 2 GE, 2 Combo	4 (802.3at) & 20 (802.3af)	193W	-
DGS-1100-26MP	24 GE, 2 Combo	24 (802.3at)	370W	-
DGS-1100-24PV2	24 GE	12 (802.3at)	100W	-
DGS-1100-10MP	8 GE, 2 SFP	8 (802.3at)	130W	-
DGS-1100-08P/B1	8 GE	8 (802.3at)	64W	-

Multi-Gigabit PoE Switch				
DMS-1100-10TP	8 2.5GE, 2 10G SFP+	8 (802.3at)	240W	-
Unmanaged Surveillance Switches with Long Range 250m PoE				
DSS-100E-18P	16 FE, 1 GE, 1 Combo	16 (802.3at)	230W	-
DSS-100E-9P	8 FE, 1 GE	8 (802.3at)	92W	-
Unmanaged PoE Switches				
DGS-1026MP	24 GE, 2 Combo	24 (802.3at)	370W	-
DGS-1010MP	9 GE, 1 SFP	8 (802.3at)	125W	-
DGS-1008MP	8 GE	8 (802.3at)	125W	-
DGS-1008P	8 GE	4 (802.3at)	68W	-
DGS-1005P	5 GE	4 (802.3at)	60W	-
DES-1008P+	8 FE	8 (802.3at)	140W	-
DES-1005P	5 FE	4 (802.3at)	60W	-

PoE up to 15.4W per port

Model	Port Count	PoE Ports	PoE Budget	RPS
Managed PoE Switches				
DGS-3610-50P	44 GE, 4 Combo, 2 Slots	48 (802.3af)	370W	-
Smart PoE Switches				
DES-1210-08P	8 FE	8 (802.3af)	72W	-
DGS-1100-05PD	5 GE	2 (802.3af)	18W	-
Unmanaged PoE Switches				
DES-1018MP	16 FE, 2 Combo	16 (802.3af)	246.4W	-
DES-1008P	8 FE	4 (802.3af)	52W	-