



Power over Ethernet

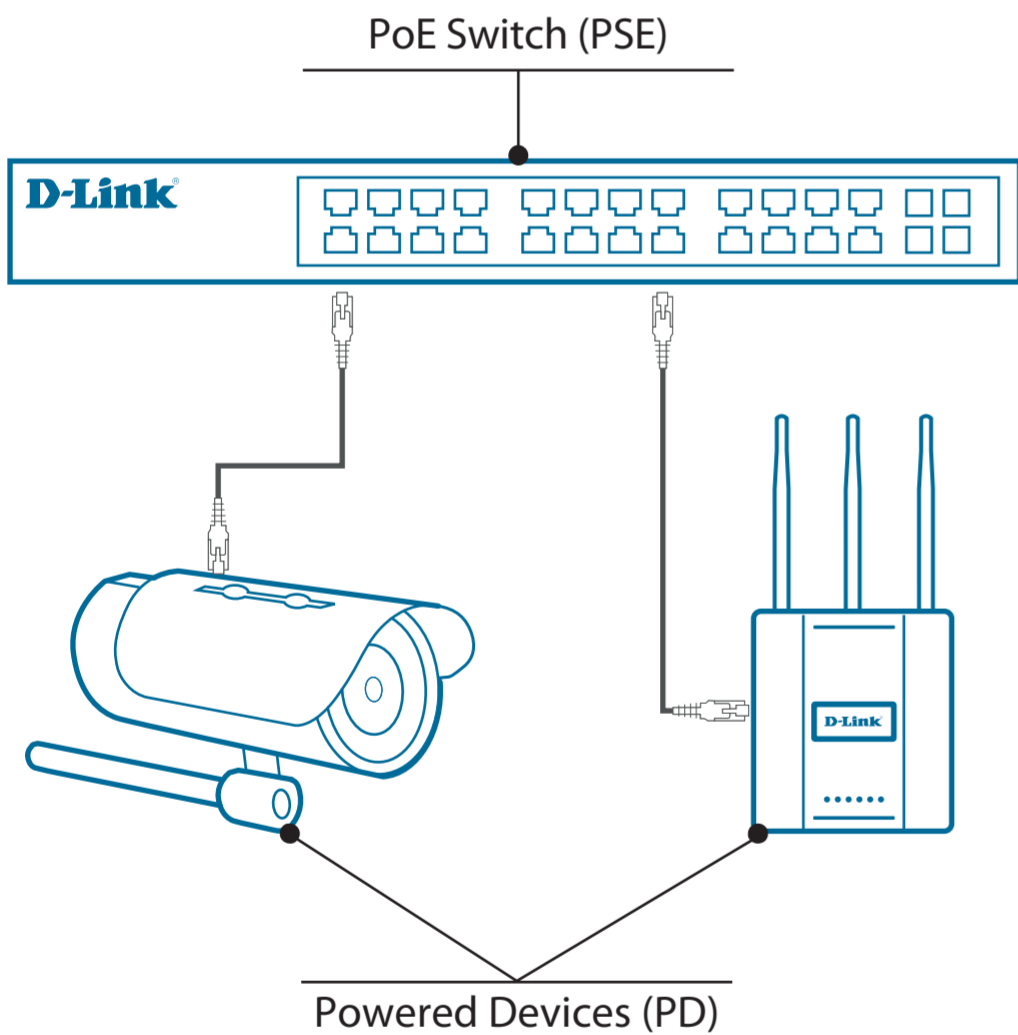
PoE technology allows PSE (Power Sourcing Equipment) to use a single twisted pair Ethernet cable to provide both data and electrical power to PDs (Powered Device) such as wireless access points, network cameras, IP phones, point-of-sale terminals, and other PoE compatible devices. The D-Link range includes 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

	802.3af	802.3at	802.3bt (Type 3)	802.3bt (Type 4)
Maximum power per PSE port	15.4	30	60	90
Maximum power to PD	12.95	25.5	51	71-90

Specifications

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



15 W

IP Camera

Wireless AP

IP Phone

30 W

Outdoor AP

PTZ IP Camera

Video Phones

60 W

Digital Signage

POS System

90 W

PoE Connected Lighting Systems

PoE up to 90W per port

Model	Port Count	PoE Ports	PoE Budget	RPS
Unmanaged Switches with Long Range 250m PoE				
DSS-200G-28MPP	24 x GE, 4 x Combo	8 (802.3bt), 16 (802.3at)	518	-
DSS-200G-10MPP	8 x GE, 2 SFP	8 (802.3bt)	242	-
Smart PoE Switches				
DGS-1100-26MPPV2	24 x GE, 2 x Combo	20 (802.3at) & 4 (802.3bt)	525	-
DGS-1100-10MPPV2	8 x GE, 2 SFP	6 (802.3at) & 2 (802.3bt)	242	-

PoE up to 60W per port

Model	Port Count	PoE Ports	PoE Budget	RPS
Managed PoE Switches				
DMS-3130-30PS	16 x 2.5GE, 8 x 5GE, 2 x 10GE, 4 x 25G SFP28	8 (802.3bt), 16 (802.3at)	740	-

PoE up to 30W per port

Model	Port Count	PoE Ports	PoE Budget	RPS
Industrial PoE Switches				
DIS-200G-12PS	10 x GE, 2 x SFP	8 (802.3at)	240	-
DIS-100G-5PSW	4 x GE, 1 x SFP	4 (802.3at)	120	-
Managed PoE Switches				
DGS-3630-52PC	44 x GE, 4 x Combo, 4 x 10G SFP+	48 (802.3at)	370 (740 with RPS)	DPS-700
DGS-3630-28PC	20 x GE, 4 x Combo, 4 x 10G SFP+	24 (802.3at)	370 (740 with RPS)	DPS-700
DGS-3130-54PS	48 x GE, 2 x 10GE, 4 x 10G SFP+	48 (802.3at)	370 (740 with RPS)	DPS-700
DGS-3130-30PS	24 x GE, 2 x 10GE, 4 x 10G SFP+	24 (802.3at)	370 (740 with RPS)	DPS-700
DGS-3120-48PC	44 x GE, 4 x Combo, 2 x 10G CX4	48 (802.3at)	370 (740 with RPS)	DPS-700
DGS-3000-28LP	24 x GE, 4 x SFP	24 (802.3at)	193	DPS-500A, DPS-500DC/B
DGS-3000-28XMP	24 x GE, 4 x 10G SFP+	24 (802.3at)	370	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)	370 (740 with RPS)	DPS-700
DGS-1520-28MP	20 x GE, 4 x 2.5GE, 2 x 10GE, 2 x 10G SFP+	24 (802.3at)	370 (740 with RPS)	DPS-700
DGS-1210-52MPP/ME	48 x GE, 4 x SFP	48 (802.3at)	740	-
DGS-1210-52MP/FL	48 x GE, 4 x combo	48 (802.3at)	370	-
DGS-1210-52MP/ME	48 x GE, 4 x SFP	8 (802.3at) & 40 (802.3af)	370	-
DGS-1210-52P/ME	48 x GE, 4 x SFP	8 (802.3at) & 16 (802.3af)	193	-
DGS-1210-28MP/FL	24 x GE, 4 x combo	24 (802.3at)	370	-
DGS-1210-28MP/ME	24 x GE, 4 x SFP	24 (802.3at)	370	-
DGS-1210-28P/FL	24 x GE, 4 x combo	24 (802.3at)	193	-
DGS-1210-28P/ME	24 x GE, 4 x SFP	24 (802.3at) (rev. B2)	193	-
DGS-1210-10MP/FL	8 x GE, 2 x SFP	8 (802.3at)	130	-
DGS-1210-10P/ME	8 x GE, 2 x SFP	8 (802.3at)	78	-
DGS-1210-10P/FL	8 x GE, 2 x SFP	8 (802.3at)	65	-

Smart Switches with Long Range 250m PoE

DSS-200G-28MP	24 x GE, 4 x Combo	28 (802.3at)	370	-
DSS-200G-10MP	8 x GE, 2 x SFP	8 (802.3at)	130	-

Smart PoE Switches

DGS-1510-52XMP	48 x GE, 4 x 10G SFP+	48 (802.3at)	370 (740 with RPS)	DPS-700
DGS-1510-28XMP	24 x GE, 4 x 10G SFP+	24 (802.3at)	370	-
DGS-1250-52XMP	48 x GE, 4 x 10G SFP+	48 (802.3at)	370	-
DGS-1250-28XMP	24 x GE, 4 x 10G SFP+	24 (802.3at)	370	-
DGS-1210-52MPP	48 x GE, 4 x SFP	48 (802.3at)	740	-
DGS-1210-52MP/F	48 x GE, 4 x Combo	48 (802.3at)	370	-
DGS-1210-28MP/F	24 x GE, 4 x Combo	24 (802.3at)	370	-
DGS-1210-28P/F	24 x GE, 4 x Combo	24 (802.3at)	193	-
DGS-1210-10MP/F	8 x GE, 2 x SFP	8 (802.3at)	130	-
DGS-1210-10P/F	8 x GE, 2 x SFP	8 (802.3at)	65	-
DGS-1100-26MPV2	24 x GE, 2 x Combo	24 (802.3at)	370	-
DGS-1100-24PV2	24 x GE	12 (802.3at)	100	-
DGS-1100-18PV2	16 x GE, 2 x Combo	16 (802.3at)	130	-
DGS-1100-10MPV2	8 x GE, 2 x SFP	8 (802.3at)	130	-
DGS-1100-08PLV2	8 x GE	4 (802.3at)	80	-

Unmanaged Switches with Long Range 250m PoE

DES-1018MPV2	16 x FE, 2 x combo	16 (802.3at)	247	-
DSS-100E-9P	8 x FE, 1 x GE	8 (802.3at)	92	-
DSS-100E-6P	6 x FE	4 (802.3at)	55	-

Unmanaged PoE Switches

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

PoE up to 15.4W per port

Model	Port Count	PoE Ports	PoE Budget	RPS
Smart PoE Switches				
DGS-1100-05PDV2	5 x GE	2 PSE (802.3af), 1 PD (802.3af/at)	18 W with 802.3at input 8 W with 802.3af input	-
Unmanaged PoE Switches				
DES-1008P	8 x FE	4 (802.3af)	52	-