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.

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

Smart Managed Switches

Essential features with affordability

D-Link Smart Switches offer a robust set of Layer 2 and Layer 2+ features designed to support the most demanding applications.

- Extensive range to meet the networking needs of businesses of all sizes
- Optional PoE models that support PoE/PoE+ with high PoE power budgets
- Optional models with 10 Gigabit uplinks and high availability support with physical stacking
- L2/L2+ features help to optimise and improve network efficiency

Managed Switches

Seamless connections for demanding uses

Designed for network applications requiring the highest availability and reliability.

- High-performance L3 switches
- 10 Gigabit uplinks and up to 80 Gigabit high-bandwidth stacking
- Optional Enhanced and MPLS images to add advanced VLAN and L3 routing as well as MPLS protocols support
- Comprehensive management and security features

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 www.dlink.to/tollyreports.

Unmanaged Switches

Layer 2 Unmanaged Fast Ethernet









	MODEL	DES-1005D	DES-105	DES-1005P	DES-1008D	DES-108	DES-1008PA	DES-1016D	DES-1018MP	DES-1024D
HARDWARE	Number of Fast Ethernet ports	5	5	5	8	8	8	16	16	24
	Number of Gigabit ports								2	
	Switching capacity	1 Gbps	1 Gbps	1 Gbps	1.6 Gbps	1.6 Gbps	1.6 Gbps	3.2 Gbps	1.6 Gbps	4.8 Gbps
	PoE standards			802.3af			802.3af		802.3af	
	PoE power budget			15.4 W			52 W		246.4 W	
	PoE capable ports			Port 1, up to 15.4 W			Port 1-4, up to 15.4 W		Port 1-16, up to 15.4 W	
	Desktop	•	•	•	•	•	•	•	•	•
	Rackmountable							•		•
	Metal enclosure		•	•		•	•	•	•	•
	Fanless	•	•	•	•	•	•	•		•
	MAC address	2K	2K	2K	1K	1K	1K	8K	8K	8K
	802.1p QoS		• (Strict mode)	• (Strict mode)		• (Strict mode)		• (Strict mode)		• (Strict mode)
	Number of QoS queues		2	4		2		2		2
	D-Link Green	•	•	•	•	•		•		•
	802.3az EEE	•	•	•	•	•		•	•	•
	Power supply type	External	External	External	External	External	External	Internal	Internal	Internal

Layer 2 Unmanaged Gigabit









	MODEL	DGS-1005D	DGS-105	DGS-1008D	DGS-108	DGS-1008P	DGS-1008MP	DGS-1016D	DGS-1024D	DGS-1026MP
HARDWARE	Number of Gigabit ports	5	5	8	8	8	8	16	24	24
	Number of Combo 1000BASE-T/SFP ports									2
	Switching capacity	10 Gbps	10 Gbps	16 Gbps	16 Gbps	16 Gbps	16 Gbps	32 Gbps	48 Gbps	52 Gbps
	PoE standards					802.3af, 802.3at	802.3af, 802.3at			802.3af, 802.3at
	PoE power budget					68 W	140 W			370 W
	PoE capable ports					Ports 1-4, up to 30 W	Ports 1-8, up to 30 W			Ports 1-24, up to 30 W
	DIP switch (Energy-Efficient Ethernet (EEE)/Flow Control/Port Isolation and Storm Control)							•	•	
	Desktop	•	•	•	•	•	•	•	•	•
	Rackmountable						•	•	•	•
	Metal enclosure		•		•	•	•	•	•	•
	Fanless	•	•	•	•	•	•	•	•	2 x smart fan
	MAC address	8K	2K	4K	8K	4K	8K	8K	8K	8K
	Jumbo frame	9000 Bytes	9000 Bytes	9720 Bytes	9000 Bytes	9720 Bytes	9216 Bytes	10,000 Bytes	10,000 Bytes	9600 Bytes
	802.1p QoS	• (Strict mode)	• (Strict mode)	• (Strict mode)	• (Strict mode)	• (Strict mode)		•	•	
	Number of QoS queues	4	4	4	4	4		8	8	
	Cable diagnostics	•	•	•	•	•	•	•	•	•
	D-Link Green	•	•	•	•	•	•	•	•	•
	802.3az EEE	•	•	•	•	•	•	•	•	•
	Power supply type	External	External	External	External	External	Internal	Internal	Internal	Internal

Fast Ethernet Smart Switches

Fast Ethernet Smart Managed






	MODEL	DES-1100-16	DES-1100-24	DES-1210-08P	DES-1210-28	DES-1210-28P	DES-1210-52
HARDWARE	Number of Fast Ethernet ports	16	24	8	24	24	48
	Number of Gigabit ports				2	2	2
	Number of Combo 1000BASE-T/SFP ports				2	2	2
	Number of SFP ports						
	Switching capacity	3.2 Gbps	4.8 Gbps	1.6 Gbps	12.8 Gbps	12.8 Gbps	17.6 Gbps
	PoE standards			802.3af		802.3af, 802.3at	
	PoE power budget			72W		193W	
	PoE capable ports			Port 1-8, up to 15.4W		Port 1-4, up to 30 W Port 5-24, up to 15.4 W	
	Fanless	•	•	•	•		•
	D-Link Green			•	•	•	•
	802.3az EEE						
	Power supply type	Internal	Internal	Internal	Internal	Internal	Internal
L2	MAC address	8K	8K	8K	8K	8K	16K
	802.1D STP, 802.1w RSTP, 802.1s MSTP			802.1D, 802.1w	802.1D, 802.1w	802.1D, 802.1w	802.1D, 802.1w
	802.3ad link aggregation / port trunking	Static trunk	Static trunk	802.3ad	802.3ad	802.3ad	802.3ad
VLAN	VLAN group (max static)	32	32	256	256	256	256
	Port / MAC / protocol-based VLAN, GVRP	Port	Port				
	Asymmetric VLAN			•	•	•	•
	Auto Voice/Surveillance VLAN			•	•	•	•
L3	IPv4/IPv6 routing table						
	IP interfaces						
	IPv6 Core Ready Logo Phase 2			•	•	•	•
	Routing table size						
	Static route for IPv4/IPv6						
QOS	Number of queues per port	2	2	4	4	4	4
	CoS based on contents			•	•	•	•
	Bandwidth control (min. granularity)	• (512Kbps)	• (512Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)
ACL	ACL (Ingress / Egress / VLAN-based)			• (Ingress)	• (Ingress)	• (Ingress)	• (Ingress)
	Based on packet contents			•	•	•	•
SECURITY	SSH, SSL (v1/v2/v3)			SSL	SSL	SSL	SSL
	Smart Binding			•	•	•	•
	ARP spoofing			•	•	•	•
AAA	802.1X access control			•	•	•	•
	RADIUS			•	•	•	•
MANAGEMENT	SNMP (v1/v2c/v3), RMON v1			•	•	•	•
	LLDP-MED			•	•	•	•
	ICMPv6			•	•	•	•

Gigabit Smart Switches

Gigabit Smart Managed

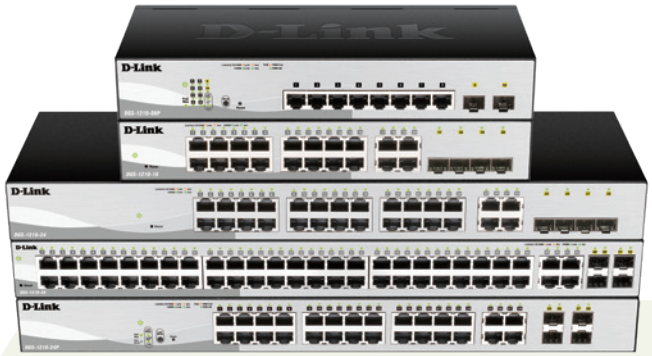








	MODEL	DGS-1100-05	DGS-1100-05PD	DGS-1100-08	DGS-1100-08P	DGS-1100-10MP	DGS-1100-16	DGS-1100-24	DGS-1100-24P	DGS-1100-26MP
HARDWARE	Number of Gigabit ports	5	5	8	8	8	16	24	24	24
	Number of Combo 1000BASE-T/ SFP ports									2
	Number of SFP ports					2				
	Switching capacity	10 Gbps	10 Gbps	16 Gbps	16 Gbps	20 Gbps	32 Gbps	48 Gbps	48 Gbps	52 Gbps
	PoE standards		802.3af		802.3af	802.3af, 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 15.4 W	Port 1-8, up to 30 W			Port 1-12, up to 30 W	Port 1-24, up to 30 W
	Fanless	•	•	•	•		•	•		
	Lightning protection					• (6kV)				• (6kV)
	D-Link Green	•	•	•	•	•	•	•	•	•
	802.3az EEE	•	•	•	•	•	•	•	•	•
	Power supply type	External	PoE	External	External	Internal	Internal	Internal	Internal	Internal
L2	MAC address	8K	8K	8K	8K	16K	8K	8K	8K	16K
	802.1D STP, 802.1w RSTP, 802.1s MSTP									
	802.3ad link aggregation / port trunking	Static trunk	Static trunk	Static trunk	Static trunk	802.3ad	802.3ad	802.3ad	802.3ad	802.3ad
VLAN	VLAN group (max static)	32	32	32	32	128	64	64	64	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 Core Ready Logo Phase 2									
	Routing table size									
	Static route for IPv4/IPv6									
QOS	Number of queues per port	4	4	4	4	4	4	4	4	4
	CoS based on contents									
	Bandwidth control (min. granularity)	• (8 Kbps)	• (8 Kbps)	• (8 Kbps)	• (8 Kbps)	• (8 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (8 Kbps)
SURVEILLANCE MODE	Video Surveillance Mode					•				•
	ONVIF Device Discovery					•				•
	Video Surveillance Topology					•				•
	Video Surveillance Device Information					•				•
ACL	ACL (Ingress / Egress / VLAN-based)									
	Based on packet contents									
SECURITY	SSH, SSL (v1/v2/v3)									
	Smart Binding									
	Loopback Detection	•	•	•	•	•	•	•	•	•
	ARP spoofing									
AAA	802.1X access control									
	RADIUS server support									
MANAGEMENT	SNMP (v1/v2c/v3), RMON v1									
	LLDP-MED									
	ICMPv6									



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 the cost of installation is low, but the cost of network maintenance and management is minimal as well, 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 set-up 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 Switches

Gigabit Smart Managed

	MODEL	DGS-1210-08P	DGS-1210-16	DGS-1210-24	DGS-1210-24P	DGS-1210-48	DGS-1210-10	DGS-1210-10P	DGS-1210-10MP	DGS-1210-20	DGS-1210-26
HARDWARE	Number of Gigabit ports	8	16	24	24	48	8	8	8	16	24
	Number of Combo 1000BASE-T/SFP ports		4	4	4	4				4	
	Number of SFP ports	2					2	2	2		2
	Switching capacity	20 Gbps	32 Gbps	48 Gbps	56 Gbps	96 Gbps	20 Gbps	20 Gbps	20 Gbps	40 Gbps	52 Gbps
	PoE standards	802.3af, 802.3at			802.3af, 802.3at			802.3af, 802.3at	802.3af, 802.3at		
	PoE power budget	65 W			193 W			65 W	130 W		
	PoE capable ports	Ports 1-8, up to 30 W			Ports 1-24, up to 30W			Ports 1-8, up to 30 W	Ports 1-8, up to 30 W		
	Fanless	•	•	•		•	•	•	•	•	•
	Smart fan										
	D-Link Green	•	•	•	•	•	•	•	•	•	•
	802.3az EEE	•	•	•	•		•	•	•	•	•
	Power supply type	Internal	Internal	Internal	Internal	Internal	Internal	External	Internal	Internal	Internal
L2	MAC address	8K	8K	8K	8K	8K	8K	8K	8K	8K	8K
	802.1D STP, 802.1w RSTP, 802.1s MSTP	802.1D, 802.1w	802.1D, 802.1w	802.1D, 802.1w	802.1D, 802.1w	802.1D, 802.1w	•	•	•	•	•
	802.3ad link aggregation	•	•	•	•	•	•	•	•	•	•
VLAN	VLAN group (max static)	256	256	256	256	256	256	256	256	256	256
	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
	IPv6 Core Ready Logo Phase 2						•	•	•	•	•
	Static route for IPv4/IPv6						124/50	124/50	124/50	124/50	124/50
QOS	Number of queues per port	8	8	8	8	8	8	4	4	8	8
	CoS based on contents	•	•	•	•	•	•	•	•	•	•
	Bandwidth control (min. granularity)	• (16 Kbps)	• (16 Kbps)	• (16 Kbps)	• (16 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)	•	•	•	•	•	•	•	•	•	•
	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	•	•	•	•	•	•	•	•	•	•

Gigabit Smart Switches

		Gigabit Smart Managed					Metro Ethernet		
	MODEL	DGS-1210-28	DGS-1210-28P	DGS-1210-28MP	DGS-1210-52	DGS-1210-52MP	DGS-1210-20/ME	DGS-1210-28/ME	DGS-1210-28MP/ME
HARDWARE	Number of Gigabit ports	24	24	24	48	48	16	24	24
	Number of Combo 1000BASE-T/SFP ports	4	4	4	4	4			
	Number of SFP ports						4	4	4
	Switching capacity	56 Gbps	56 Gbps	56 Gbps	104 Gbps	104 Gbps	40 Gbps	56 Gbps	56 Gbps
	PoE standards		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
	PoE capable ports		Ports 1-24, up to 30 W	Ports 1-24, up to 30 W		Ports 1-48, up to 30 W			Ports 1-24, up to 30 W
	6kV Surge protection						All Gigabit Ethernet ports	All Gigabit Ethernet ports	All Gigabit Ethernet ports
	Fanless	•					•	•	
	Smart fan		•	•	•	•			•
	D-Link Green	•	•	•	•	•	•	•	•
	802.3az EEE	•	•	•	•	•	•	•	•
	Power supply type	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
L2	MAC address	8K	8K	16K	16K	8K	16K	16K	16K
	802.1D STP, 802.1w RSTP, 802.1s MSTP	•	•	•	•	•	•	•	•
	802.3ad link aggregation	•	•	•	•	•	•	•	•
	ERPS						•	•	•
VLAN	VLAN group (max static)	256	256	256	256	256	256	256	256
	Port / MAC / protocol-based VLAN, GVRP	Port	Port	Port	Port	Port	•	•	•
	Port-based Q-in-Q, ISM VLAN						•	•	•
	Asymmetric VLAN	•	•	•	•	•	•	•	•
	Auto Voice/Surveillance VLAN	•	•	•	•	•	•	•	•
L3	IP interfaces	4	4	1	4	4	4	4	4
	IPv6 Core Ready Logo Phase 2	•	•	•	•	•	•	•	•
	Static route for IPv4/IPv6	124/50	124/50	64/32	124/50	124/50	64/32	64/32	64/32
QOS	Number of queues per port	8	8	8	8	8	8	8	8
	CoS based on contents	•	•	•	•	•	•	•	•
	Bandwidth control (min. granularity)	• (16 Kbps)	• (16 Kbps)	• (64 Kbps)	• (16 Kbps)	• (16 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 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)
	Based on packet contents	•	•	•	•	•	•	•	•
SECURITY	SSH, SSL (v1/v2/v3)	•	•	•	•	•	•	•	•
	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	•	•	•	•	•	•	•	•
	802.3ah						•	•	•

Gigabit and 10 Gigabit Smart Switches

		Gigabit Stackable Smart Managed with 10G Uplinks								10 Gigabit Smart Managed				
	MODEL	DGS-1510-20	DGS-1510-28	DGS-1510-28P	DGS-1510-28X	DGS-1510-28XMP	DGS-1510-52	DGS-1510-52X	DGS-1510-52XMP	DXS-1100-10TS	DXS-1100-16SC	DXS-1210-10TS	DXS-1210-12TC	DXS-1210-16TC
HARDWARE	Number of Gigabit ports	16	24	24	24	24	48	48	48					
	Number of 10GBASE-T ports									8		8	8	12
	Number of Combo 1000BASE-T/SFP ports													
	Number of Combo 10GBASE-T/SFP+ ports										2		2	2
	Number of SFP ports	2	2	2			2							
	Number of 10G SFP+ ports	2	2	2	4	4	2	4	4	2	14	2	2	2
	Switching capacity	76 Gbps	92 Gbps	92 Gbps	128 Gbps	128 Gbps	140 Gbps	176 Gbps	176 Gbps	200 Gbps	320 Gbps	200 Gbps	240 Gbps	320 Gbps
	PoE standards			802.3af, 802.3at		802.3af, 802.3at			802.3af, 802.3at					
	PoE power budget			193 W		370 W			370 W (740W with RPS)					
	PoE capable ports			Port 1-24, up to 30 W		Port 1-24, up to 30 W			Port 1-48, up to 30 W					
	Smart fan	1	1	2	1	2	2	2	2	2	2	2	2	2
	D-Link Green	•	•	•	•	•	•	•	•	•	•	•	•	•
	802.3az EEE	•	•	•	•	•	•	•	•	•	•	•	•	•
	Power supply type	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
	Physical stacking (device / max Bandwidth)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)					
	Virtual stacking (device)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)					
L2	MAC address	16K	16K	16K	16K	16K	16K	16K	16K	16K	16K	16K	16K	16K
	802.1D STP, 802.1w RSTP, 802.1s MSTP	•	•	•	•	•	•	•	•	•	•	•	•	•
	802.3ad, 802.1AX link aggregation	802.3ad	802.3ad	802.3ad	802.3ad	802.3ad	802.3ad	802.3ad	802.3ad	•	•	802.3ad	802.3ad	802.3ad
VLAN	VLAN group (max static)	4K	4K	4K	4K	4K	4K	4K	4K	4K	4K	4K	4K	4K
	Port / MAC / protocol-based VLAN, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port	Port	Port, GVRP	Port, GVRP	Port, GVRP
	Asymmetric VLAN	•	•	•	•	•	•	•	•	•	•	•	•	•
	Auto Voice/Surveillance VLAN	•	•	•	•	•	•	•	•	•	•	•	•	•
L3	IP interfaces	8	8	8	8	8	8	8	8			16	16	16
	IPv6 Core Ready Logo Phase 2	•	•	•	•	•	•	•	•			•	•	•
	Routing table size	128	128	128	128	128	128	128	128			768	768	768
	Static route for IPv4/IPv6	64 / 32	64 / 32	64 / 32	64 / 32	64 / 32	64 / 32	64 / 32	64 / 32			32 / 32	32 / 32	32 / 32
QOS	Number of queues per port	8	8	8	8	8	8	8	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)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)
ACL	ACL (Ingress / Egress / VLAN-based ACL)	• (VLAN)	• (VLAN)	• (VLAN)	• (VLAN)	• (VLAN)	• (VLAN)	• (VLAN)	• (VLAN)			• (VLAN)	• (VLAN)	• (VLAN)
	Based on packet contents	•	•	•	•	•	•	•	•			•	•	•
SECURITY	SSH, SSL (v1/v2/v3)	•	•	•	•	•	•	•	•	SSL (v1/v2/v3)	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	•	•	•	•	•	•	•	•	•	•	•	•	•

10 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.

Copper or Fibre, for Uplink or Stacking

10Gbps Ethernet is no longer restricted to fibre optic media only. Recent advancements in chip design have made 10GBASE-T (10Gbps over copper) more economical and easier to deploy than ever before. Direct Attach Copper (DAC) is also a popular choice, especially for shorter distance, latency-sensitive applications.

Media	Type	Distance	Switch Interface	Typical Latency	Typical Application
Copper	DAC (Twinex)	Up to 7m	SFP+	Better	Server/Rack
	CAT-6	~30m	RJ-45	Good	SMB Aggregation Switching
	CAT-6a	Up to 100m			
	CAT-7				
Fibre	MMF	Up to 400m	SFP+	Best	Campus Network
	SMF	10km+			

What's 10 Gigabit Ethernet good for?

1. **Edge Switch**
Small office network running specialised applications

2. **Distribution Switch**
Small/medium office network

3. **Aggregation Switch**
Enterprise/campus network

4. **Core Switch**
Medium business/small enterprise office network

5. **Top-of-Rack Switch – small office**
Small office server closet

6. **Top-of-Rack Switch**
Enterprise/campus data center

Layer 2 Gigabit Managed Switches

	MODEL	DGS-3000-28LP	DGS-3000-28X	DGS-3000-28XMP	DGS-3000-52X	DGS-3120-24TC/SI	DGS-3120-24PC/SI	DGS-3120-24SC/SI	DGS-3120-48TC/SI	DGS-3120-48PC/SI	DGS-3120 EI
HARDWARE	Number of Gigabit ports	24	24	24	48	20	20		44	44	See specific switch model
	Number of Combo 1000BASE-T/SFP ports					4	4	8	4	4	See specific switch model
	Number of SFP ports	4						16			See specific switch model
	Number of 10G SFP+ ports		4	4	4						See specific switch model
	Number of optional 10G uplinks or stacking ports					2	2	2	2	2	See specific switch model
	Switching capacity	56 Gbps	128 Gbps	128 Gbps	176 Gbps	88 Gbps	88 Gbps	88 Gbps	136 Gbps	136 Gbps	See specific switch model
	PoE standards	802.3af, 802.3at		802.3af, 802.3at			802.3af, 802.3at			802.3af, 802.3at	See specific switch model
	PoE power budget	193 W		370 W			370 W (740 W with DPS-700 RPS)			370 W (740 W with DPS-700 RPS)	See specific switch model
	PoE capable ports	Ports 1-24, up to 30 W		Ports 1-24, up to 30 W			Ports 1-24, up to 30 W			Ports 1-48, up to 30 W	
	Power supply type	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	
	Physical stacking (device / max bandwidth)					• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)
	Virtual stacking (device)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)
L2	MAC address	16K	16K	16K	16K	16K	16K	16K	16K	16K	16K
	802.1D STP, 802.1w RSTP, 802.1s MSTP	•	•	•	•	•	•	•	•	•	•
	Ethernet ring protection switching (ERPS)	•	•	•	•						•
	802.3ad, 802.1AX link aggregation	•	•	•	•	802.3ad	802.3ad	802.3ad	802.3ad	802.3ad	802.3ad
VLAN	VLAN group (max static)	4K	4K	4K	4K	4K	4K	4K	4K	4K	4K
	Port / MAC / protocol-based VLAN, GVRP	•	•	•	•	•	•	•	•	•	•
	Port-based double VLAN	•	•	•	•						•
	Selective double VLAN										
	ISM VLAN	•	•	•	•	•	•	•	•	•	•
	Voice VLAN	•	•	•	•	•	•	•	•	•	•
L3	IPv4/IPv6 routing table										512 / 512
	IPv4/IPv6 forwarding table										2K / 1K
	IP interfaces	16	16	16	16						16
	IPv6 Ready Logo, IPv6 neighbour discovery (ND)					•	•	•	•	•	•
	Static route for IPv4/IPv6	64 / 32	64 / 32	64 / 32	64 / 32						512
	RIP v1/v2, RIPng										
QOS	Number of queues per port	8	8	8	8	8	8	8	8	8	8
	CoS based on contents	•	•	•	•	•	•	•	•	•	•
	Bandwidth control (min. granularity)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)
	Time-based QoS					•	•	•	•	•	•
ACL	ACL (Ingress / Egress / VLAN-based)	• (Ingress)	• (Ingress)	• (Ingress)	• (Ingress)	• (Ingress / VLAN-based)	• (Ingress / VLAN-based)	• (Ingress / VLAN-based)	• (Ingress / VLAN-based)	• (Ingress / VLAN-based)	•
	Based on packet contents	•	•	•	•	•	•	•	•	•	•
	Time-based ACL	•	•	•	•	•	•	•	•	•	•
SECURITY	SSH, SSL (v1/v2/v3)	•	•	•	•	•	•	•	•	•	•
	IP-MAC-port binding (IMPB)	•	•	•	•						•
	ARP spoofing, BPDU attack protection	•	•	•	•	•	•	•	•	•	•
AAA	802.1X access control	•	•	•	•	•	•	•	•	•	•
	Microsoft NAP support	•	•	•	•	•	•	•	•	•	•
	RADIUS/TACACS+ authentication	•	•	•	•	•	•	•	•	•	•
MANAGEMENT	SNMP (v1/v2c/v3), RMON v1/v2	•	•	•	•	•	•	•	•	•	•
	sFlow	•	•	•	•						•
	LLDP-MED	•	•	•	•	•	•	•	•	•	•
	ICMPv6					•	•	•	•	•	•
	802.3ah, 802.1ag, ITU-T Y.1731	•	•	•	•						•

Layer 2+ Gigabit/ 10 Gigabit Managed Switches

		Layer 2+ Gigabit Managed					Layer 2+ 10 Gigabit Managed	
								
	MODEL	DGS-3420-28TC	DGS-3420-28SC	DGS-3420-28PC	DGS-3420-52T	DGS-3420-52P	DXS-3400-24TC	DXS-3400-24SC
HARDWARE	Number of Gigabit ports	20		20	48	48		
	Number of 10GBASE-T ports						20	
	Number of Combo 1000BASE-T/SFP ports	4	4	4				
	Number of Combo 10GBASE-T/SFP+ ports						4	4
	Number of SFP ports		20					
	Number of 10G SFP+ ports	4	4	4	4	4		20
	Switching capacity	128 Gbps	128 Gbps	128 Gbps	176 Gbps	176 Gbps	480 Gbps	480 Gbps
	PoE standards			802.3af, 802.3at		802.3af, 802.3at		
	PoE power budget			370 W (740 W with DPS-700 RPS)		370 W (740 W with DPS-700 RPS)		
	PoE capable ports			Ports 1-24, up to 30 W		Ports 1-48, up to 30 W		
	Power supply type	Internal	Internal	Internal	Internal	Internal	Internal	Internal
	Physical stacking (device / max bandwidth)	• (12/40G)	• (12/40G)	• (12/40G)	• (12/40G)	• (12/40G)	• (4/80G)	• (4/80G)
	Virtual stacking ((device)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)
L2	MAC address	16K	16K	16K	16K	16K	48K	48K
	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	4K	4K	4K
	Port / MAC / protocol-based VLAN, GVRP	•	•	•	•	•	•	•
	Port-based / selective double VLAN	•	•	•	•	•	•	•
	ISM / voice VLAN	•	•	•	•	•	•	•
	DCB - 802.1Qbb, 802.1Qaz						•	•
L3	IPv4/IPv6 routing table	1K / 512	1K / 512	1K / 512	1K / 512	1K / 512	4K / 1K	4K / 1K
	IPv4/IPv6 forwarding table	2K / 1K	2K / 1K	2K / 1K	2K / 1K	2K / 1K	32K / 16K	32K / 16K
	IP interfaces	256	256	256	256	256	256	256
	IPv6 Ready Logo, IPv6 neighbour discovery (ND)	•	•	•	•	•	•	•
	Static route for IPv4/IPv6	256	256	256	256	256	256 / 128	256 / 128
	RIP v1/v2, RIPng	•	•	•	•	•	•	•
QOS	Number of queues per port	8	8	8	8	8	8	8
	CoS based on contents	•	•	•	•	•	•	•
	Bandwidth control (min. granularity)	• (64Kbps)	• (1Kbps)	• (1Kbps)	• (1Kbps)	• (1Kbps)	• (64Kbps)	• (64Kbps)
	Time-based QoS	•	•	•	•	•	•	•
ACL	ACL (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)
	Based on packet contents	•	•	•	•	•	•	•
	Time-based ACL	•	•	•	•	•	•	•
SECURITY	SSH, SSL (v1/v2/v3)	•	•	•	•	•	•	•
	IP-MAC-port binding (IMPB)	•	•	•	•	•	•	•
	ARP spoofing, BPDU attack protection	•	•	•	•	•	•	•
MANAGEMENT / AAA	802.1X access control	•	•	•	•	•	•	•
	Microsoft NAP support	•	•	•	•	•	•	•
	RADIUS/TACACS+ authentication	•	•	•	•	•	•	•
	SNMP (v1/v2c/v3), RMON v1/v2	•	•	•	•	•	•	•
	sFlow, LLDP-MED, ICMPv6	•	•	•	•	•	•	•
	802.3ah, 802.1ag, ITU-T Y.1731	•	•	•	•	•	•	•

Layer 3 Managed Gigabit/10 Gigabit Switches

		Layer 3 Gigabit Managed							Layer 3 10 Gigabit Managed	
	MODEL	DGS-3630-28TC/SI	DGS-3630-28PC/SI	DGS-3630-28SC/SI	DGS-3630-52TC/SI	DGS-3630-52PC/SI	DGS-3630 EI	DGS-3630 MI	DXS-3600-32S/SI	DXS-3600 EI
HARDWARE	Number of Gigabit ports	20	20		44	44	See specific switch model	See specific switch model		
	Number of Combo 1000BASE-T/SFP ports	4	4	4	4	4	See specific switch model	See specific switch model		
	Number of SFP ports			20			See specific switch model	See specific switch model		
	Number of 10G SFP+ ports	4	4	4	4	4	See specific switch model	See specific switch model	24	See specific switch model
	Number of open slots								1	See specific switch model
	Switching capacity	128 Gbps	128 Gbps	128 Gbps	176 Gbps	176 Gbps	See specific switch model	See specific switch model	960 Gbps	See specific switch model
	PoE standards		802.3af, 802.3at			802.3af, 802.3at				
	PoE power budget		370 W (740 W with RPS)			370 W (740 W with RPS)				
	PoE capable ports		Ports 1-24, up to 30 W			Ports 1-48, up to 30 W				
	Power supply type	Internal	Internal	Internal	Internal	Internal			Internal	
	Physical stacking (device / max bandwidth)	• (9/80G)	• (9/80G)	• (9/80G)	• (9/80G)	• (9/80G)	• (9/80G)	• (9/80G)	• (4/480G)	See specific switch model
	Virtual stacking (device)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)
	Switch Resource Management	IP / LAN / L2 VPN modes	IP / LAN / L2 VPN modes	IP / LAN / L2 VPN modes	IP / LAN / L2 VPN modes	IP / LAN / L2 VPN modes				
L2	MAC address	Up to 68K	Up to 68K	Up to 68K	Up to 68K	Up to 68K	32K	32K	128K	128K
	802.1D STP, 802.1w RSTP, 802.1s MSTP	•	•	•	•	•	•	•	•	•
	Ethernet ring protection switching (ERPS)	• (ERPSv2)	• (ERPSv2)	• (ERPSv2)	• (ERPSv2)	• (ERPSv2)	•	•	•	•
	802.3ad, 802.1AX link aggregation	•	•	•	•	•	•	•	802.1AX	802.1AX
VLAN	VLAN group (max static)	4K	4K	4K	4K	4K	4K	4K	4K	4K
	Port / MAC / protocol-based VLAN, GVRP	•	•	•	•	•	•	•	•	•
	Port-based, selective double VLAN	•	•	•	•	•	•	•	•	•
	ISM, Super, Voice VLAN	ISM/ Voice VLAN	ISM/ Voice VLAN	ISM/ Voice VLAN	ISM/ Voice VLAN	ISM/ Voice VLAN	•	ISM/ Voice VLAN	Super/ISM VLAN	Super/ISM VLAN
	DCB - 802.1Qbb, 802.1Qaz	802.1Qbb (10G port only)	802.1Qbb (10G port only)	802.1Qbb (10G port only)	802.1Qbb (10G port only)	802.1Qbb (10G port only)	802.1Qbb (10G port only)	802.1Qbb (10G port only)	•	•
L3	IPv4/IPv6 routing table	16K / 8K	16K / 8K	16K / 8K	16K / 8K	16K / 8K	16K / 8K	16K / 8K	16K / 8K	16K / 8K
	IPv4/IPv6 forwarding table	32K / 16K	32K / 16K	32K / 16K	32K / 16K	32K / 16K	32K / 16K	32K / 16K	8K / 4K	8K / 4K
	IP interfaces	256	256	256	256	256	256	256	256	256
	Static route for IPv4/IPv6	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256	512 / 256	•	•
	IPv6 tunneling						•	•		•
	Multicasting	•	•	•	•	•	•	•		•
	PIM-DM/SM, DVMRPv3						•	•		•
	RIP v1/v2, RIPng	•	•	•	•	•	•	•		•
	OSPFv2/v3, BGP4/BGP4						•	•		• (OSPFv2/v3, BGP4)
	IS-IS, IS-ISv6							•		
	MPLS, VPLS							•		•
QOS	Number of queues per port	8	8	8	8	8	8	8	8	8
	CoS based on contents	•	•	•	•	•	•	•	•	•
	Bandwidth control (min. granularity)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)	• (8Kbps)
	Single/two rate Three Colour Marker	•	•	•	•	•	•	•	•	•
ACL	ACL (Ingress / Egress / VLAN-based)	•	•	•	•	•	•	•	•	•
	Based on packet contents	•	•	•	•	•	•	•	•	•
SECURITY	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	•	•	•	•	•	•	•	• (excl. sFlow)	• (excl. sFlow)
	LLDP-MED	•	•	•	•	•	•	•	•	•
	ICMPv6	•	•	•	•	•	•	•		
	802.3ah, 802.1ag, ITU-T Y.1731	•	•	•	•	•	•	•	•	•

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	62.5/125 µm fibre (2 km)
Wavelength		1310 nm
Power		3.3 V
Hot-Pluggable		•

Gigabit Ethernet SFP Transceivers



MODEL		DGS-712	DEM-310GT	DEM-311GT
Standard		IEEE 802.3ab 1000BASE-T	IEEE 802.3z 1000BASE-LX	IEEE 802.3z 1000BASE-SX
Connector		RJ45	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)
	Cat	Cat5, Cat5e, Cat6		
Wavelength			1310 nm	850 nm
Power		3.3 V	3.3 V	3.3 V
Hot-Pluggable		•	•	•

10 Gigabit Ethernet SFP+ Transceivers


MODEL		DEM-431XT	DEM-432XT
Standard		IEEE 802.3ae 10GBASE-SR	IEEE 802.3ae 10GBASE-LR
Form Factor		SFP+	SFP+
Connector		Duplex LC	Duplex LC
Cable Type	Single-Mode		9/125 µm fibre
	Multi-Mode	50/125 µm fibre (OM2-82m, OM3-300m) 62.5/125 µm fibre (OM1 - 33m)	
Wavelength		850 nm	1310 nm
Power		3.3 V	3.3 V
Hot-Pluggable		•	•

Switch Cables







MODEL	DEM-CB50	DEM-CB50CXP	DEM-CB50ICX	DEM-CB100	DEM-CB100S	DEM-CB300	DEM-CB300S
Cable Series Type	InfiniBand	CXP Direct Attach	InfiniBand	InfiniBand	SFP+ Direct Attach	InfiniBand	SFP+ Direct Attach
Standard	IEEE802.3ak 10GBASE-CX4	SFP MSA	IEEE802.3ak 10GBASE-CX4	IEEE802.3ak 10GBASE-CX4	SFP MSA	IEEE802.3ak 10GBASE-CX4	SFP MSA
Device Rate	10 Gbps	120 Gbps	10 Gbps	10 Gbps	10 Gbps	10 Gbps	10 Gbps
Connector Type	Screw-Type at Both Ends	CXP Cable Assembly	1 x Screw-Type / 1 x Latch	Screw-Type at Both Ends	SFP+ Cable Assembly	Screw-Type at Both Ends	SFP+ Cable Assembly
Wire AWG	28	30	28	28	30	28	30
Minimum Cable Bend Radius		49 mm			23.5 mm		23.5 mm
Cable Length	50 cm	50 cm	50 cm	100 cm	100 cm	300 cm	300 cm
Voltage	30 V AC	30 V AC	30 V AC	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	0.5 A	0.5 A	0.5 A
Operating Temperature	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
Connectivity	Physical Stacking Cable or Uplink Cable for DGS-3120 Series	Physical Stacking Cable for DXS-3600-32S Switch's DXS-3600-EM-Stack Module	Connecting Cable Between DGS-3120 Series and DMC-805X	Physical Stacking Cable or Uplink Cable for DGS-3120 Series	Recommended for use only with D-Link Switching Products	Physical Stacking Cable or Uplink Cable for DGS-3120 Series	Recommended for use only with D-Link Switching Products

Ethernet Network Adapters


MODEL	DGE-528T	DXE-820T
Data Transfer Rate	Gigabit	10 Gigabit
Number of ports	1	2
Standards	• IEEE 802.3ab 1000BASE-T • IEEE 802.3u 100BASE-TX	• IEEE 802.3an 10GBASE-T • IEEE 802.3ab 1000BASE-T • IEEE 802.3u 100BASE-TX
Interface Slot	PCI 2.3	PCI Express x8 2.0, 5 GT/s compliant
Smart Load Balancing		•
Link Aggregation		802.3ad
Energy Efficient Ethernet		802.3az

Redundant Power Supplies

MODEL	DPS-200A	DPS-500A	DPS-700
Output Power	60 W	140 W	589 W
Input Power	90 to 264 V AC	90 to 264 V AC	90 to 264 V AC
Dimensions	172 x 257 x 43 mm	172 x 257 x 43 mm	441 x 139 x 44 mm
Mounting Options (see adjacent table)	DPS-800	DPS-800	19in Rack, 1U

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-200A	DPS-500A	DPS-700
DGS-1510-52XMP			•
DGS-3000-10TC	•		
DGS-3000-28LP		•	
DGS-3000-28X		•	
DGS-3000-28XMP		•	
DGS-3000-52X		•	
DGS-3120-24TC	•		
DGS-3120-48TC		•	
DGS-3120-24PC			•
DGS-3120-48PC			•
DGS-3120-24SC	•		
DGS-3420-28TC		•	
DGS-3420-28SC		•	
DGS-3420-28PC			•
DGS-3420-52T		•	
DGS-3420-52P			•
DGS-3630-28SC		•	
DGS-3630-28TC		•	
DGS-3630-28PC			•
DGS-3630-52TC		•	
DGS-3630-52PC			•

Media Convertors

MEDIA CONVERTERS	DMC-300SC	DMC-515SC	DMC-700SC	DMC-810SC
Standards	10/100BASE-TX 100BASE-TX	10/100BASE-TX 100BASE-TX	1000BASE-T 1000BASE-SX	100BASE-TX 1000BASE-LX
Connectors	SC / RJ45	SC / RJ45	SC / RJ45	SC / RJ45
Data Rate	100 Mbps	100 Mbps	1 Gbps	1 Gbps
Fibre Type	Multi-Mode	Single-Mode	Multi-Mode	Single-Mode
Maximum Distance	2 km	15 km	550 m	10 km

CHASSIS AND ACCESSORIES	DMC-1000	DMC-1001
Description	16-Slot Media Converter Chassis with Internal Power Supply	Redundant Power Supply for DMC-1000

Power over Ethernet (PoE) Adapter / Extender

DPE-101GI
1-Port Gigabit PoE Injector

Main Features
- Use without a PoE switch
- Supply power to PoE devices

Physical Features
- Terminal unit x 1
- Maximum power input 48 V
- Gigabit speed
- Supports 802.3af, up to 15.4 W

DPE-301GI
Gigabit PoE+ Injector

Main Features
- Use without a PoE switch
- Supply power to PoE devices

Physical Features
- Terminal unit x 1
- Maximum power input 48 V
- Gigabit speed
- Supports 802.3at/af, up to 30 W

DPE-301GS
Gigabit PoE+ Splitter

Main Features
- Add PoE to non-PoE devices
- Works with PoE switch or injector

Physical Features
- Terminal unit x 1
- 5 V, 9V, or 12 V DC output
- Gigabit speed
- Supports 802.3at/af, up to 30 W

DPE-302GE
2-Port Gigabit PoE Extender

Main Features
- Extends PoE connection up to 500 m*
- Multiple mounting options

Physical Features
- 2 x Gigabit output ports
- Powered by PoE
- Up to 60°C operating temperature
- Supports 802.3at/af, up to 30 W

* With multiple units