



D-Link DGS-3420-28SC network switch Managed L2 Black

Brand : D-Link

Product code: DGS-3420-28SC

Product name : DGS-3420-28SC

20-Port Gigabit SFP xStack Managed L2+ Stackable switch, 4 Gigabit Combo BASE-T/SFP ports, 4 10G SFP+ ports

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The xStack DGS-3420 series Layer 2+ Gigabit switches delivers greater value, performance, flexibility and security for SMBs and Enterprises.

The xStack DGS-3420 series of next generation Layer 2+ Gigabit switches delivers performance, flexibility, security, multi-layer QoS, and accessibility along with redundant power solutions for SMBs and enterprises.

With high Gigabit port densities, Gigabit SFP, 10-Gigabit SFP+ support and advanced software solutions, these switches can act as either departmental access layer switches or aggregation switches to form a multilevel network backbone with centralized high-speed servers.



Management features		Power	
Switch type *	Managed	AC input voltage	100 - 240 V
Switch layer	L2	AC input frequency	50 - 60 Hz
Quality of Service (QoS) support	✓	Power consumption (typical)	60.2 W
Ports & interfaces		Power over Ethernet (PoE)	
Basic switching RJ-45 Ethernet ports quantity *	4	Power over Ethernet (PoE) *	✗
Combo SFP ports quantity	4	Other features	
SFP/SFP+ slots quantity	24	Connectivity technology	Wired
SFP module slots quantity	20	Packet transfer speed	95.24Mpps
SFP+ module slots quantity	4	Operational conditions	
Compatible memory cards	SD	Operating temperature (T-T)	0 - 50 °C
Network		Storage temperature (T-T)	-40 - 70 °C
Networking standards *	IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1v, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE 802.3ah, IEEE 802.3x	Operating relative humidity (H-H)	10 - 90%
10G support *	✗	Storage relative humidity (H-H)	5 - 90%
Port mirroring	✓	Weight & dimensions	
Full duplex	✓	Width	441 mm
IP routing	✓	Depth	310 mm
Flow control support	✓	Height	44 mm
Link aggregation	✓	Weight	4.06 kg
Broadcast storm control	✓	Packaging data	
Spanning tree protocol	✓	Package width	450 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Package depth	510 mm
VLAN support	✓	Package height	125 mm
Data transmission		Package weight	6.33 kg
Supported data transfer rates	10/100Mbps, 10/100/1000Mbps	Technical details	
Switching capacity *	128 Gbit/s	Shipping (inner) case height	48.5 cm
MAC address table *	16000 entries	Shipping (inner) case width	39.3 cm
Maximum data transfer rate	1 Gbit/s	Shipping (inner) case length	52.8 cm
Jumbo frames support	✓	Shipping (inner) case net weight	13.7 kg
Packet buffer memory	2 MB	Products per shipping (inner) case	3 pc(s)
		Pallet gross weight (air)	511 kg
		Master (outer) cases per pallet (air)	24 pc(s)
		Products per pallet (air)	72 pc(s)
		Pallet gross length	110 cm
		Pallet gross width	120 cm

Security		Technical details	
DHCP features	DHCP server, DHCP client	Pallet height (air)	2.08 m
Access Control List (ACL)	✓	Pallet gross weight (sea)	511 kg
IGMP snooping	✓	Master (outer) cases per pallet (sea)	24 pc(s)
Security algorithms	SSL/TLS	Products per pallet (sea)	72 pc(s)
MAC address filtering	✓	Pallet height (sea)	2.08 m
SSH/SSL support	✗	Shipping (inner) case gross weight	20.5 kg
Multicast features		Certificates	
Multicast support	✓	Certification	FCC Class A, CE Class A, VCCI Class A, IC, C-Tick
Design			
Rack mounting *	✓		
Stackable *	✓		
Product colour	Black		
Safety	CB, cUL, LVD		
Performance			
Noise level	46.5 dB		
Mean time between failures (MTBF)	300371 h		



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