



D-Link DGS-3420-28PC network switch Managed L2+ Power over Ethernet (PoE)

Brand : D-Link

Product code: DGS-3420-28PC

Product name : DGS-3420-28PC

24 x 10/100/1000 Mbps, 4 x SFP, 128 Gbps, 1U, 5.75 kg

D-Link DGS-3420-28PC. Switch type: Managed, Switch layer: L2+. Basic switching RJ-45 Ethernet ports

quantity: 24, Console port: RJ-45. MAC address table: 16000 entries, Switching capacity: 128 Gbit/s.

Networking standards: IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1v, IEEE 802.1w, IEEE 802.3ah,

IEEE 802.3x. Power over Ethernet (PoE). Rack mounting



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)	478 W
Ports & interfaces		Power over Ethernet (PoE)	
Basic switching RJ-45 Ethernet ports quantity *	24	Power over Ethernet (PoE) *	✓
Gigabit Ethernet (copper) ports quantity	24	Operational conditions	
SFP/SFP+ slots quantity	4	Operating temperature (T-T)	0 - 50 °C
SFP module slots quantity	4	Storage temperature (T-T)	-40 - 70 °C
SFP+ module slots quantity	4	Operating relative humidity (H-H)	10 - 90%
Console port	RJ-45	Storage relative humidity (H-H)	5 - 90%
Network		Weight & dimensions	
Networking standards *	IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1v, IEEE 802.1w, IEEE 802.3ah, IEEE 802.3x	Width	441 mm
10G support *	✓	Depth	380 mm
Port mirroring	✓	Height	44 mm
IP routing	✓	Weight	5.75 kg
Routing entries	1000	Packaging data	
Flow control support	✓	Package width	530 mm
Broadcast storm control	✓	Package depth	568 mm
Spanning tree protocol	✓	Package height	157 mm
VLAN support	✓	Package weight	8.06 kg
Number of VLANs	4000	Technical details	
Data transmission		Shipping (inner) case height	60.3 cm
Switching capacity *	128 Gbit/s	Shipping (inner) case width	33.6 cm
MAC address table *	16000 entries	Shipping (inner) case length	55 cm
Jumbo frames support	✓	Shipping (inner) case net weight	12.8 kg
Packet buffer memory	2 MB	Products per shipping (inner) case	2 pc(s)
Security		Pallet gross weight (air)	335.8 kg
DHCP features	DHCP server, DHCP client	Master (outer) cases per pallet (air)	18 pc(s)
Access Control List (ACL)	✓	Products per pallet (air)	36 pc(s)
IGMP snooping	✓	Pallet gross length	110 cm
MAC address filtering	✓	Pallet gross width	120 cm
SSH/SSL support	✓	Pallet height (air)	194.4 cm
Multicast features		Pallet gross weight (sea)	335.8 kg
Multicast support	✓	Master (outer) cases per pallet (sea)	18 pc(s)
		Products per pallet (sea)	36 pc(s)
		Pallet height (sea)	194.4 cm
		Shipping (inner) case gross weight	17.6 kg

Design

Rack mounting *	✓
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Performance

Noise level	52.8 dB
Mean time between failures (MTBF)	20619 h



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