

D-Link DGS-3420-28TC network switch Managed L2+

Brand : D-Link

Product code: DGS-3420-28TC

Product name : DGS-3420-28TC

24 x 10/100/1000 Mbps, 4 x SFP, 128 Gbps, 4.12 kg

D-Link DGS-3420-28TC. Switch type: Managed, Switch layer: L2+. Basic switching RJ-45 Ethernet ports quantity: 24, Console port: RJ-45. Full duplex. 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 802.1x, IEEE 802.3ad, IEEE.... 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)	50.8 W
Ports & interfaces		Power over Ethernet (PoE)	
Basic switching RJ-45 Ethernet ports quantity *	24	Power over Ethernet (PoE) *	✗
SFP/SFP+ slots quantity	4	Operational conditions	
SFP module slots quantity	4	Operating temperature (T-T)	0 - 50 °C
SFP+ module slots quantity	4	Storage temperature (T-T)	-40 - 70 °C
Console port	RJ-45	Operating relative humidity (H-H)	10 - 90%
Network		Storage relative humidity (H-H)	5 - 90%
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	Weight & dimensions	
10G support *	✓	Width	441 mm
Port mirroring	✓	Depth	310 mm
Full duplex	✓	Height	44 mm
IP routing	✓	Weight	4.12 kg
Routing entries	1000	Packaging data	
Flow control support	✓	Package width	450 mm
Broadcast storm control	✓	Package depth	510 mm
Spanning tree protocol	✓	Package height	125 mm
VLAN support	✓	Package weight	6.4 kg
Number of VLANs	4000	Technical details	
Data transmission		Shipping (inner) case height	48.5 cm
Switching capacity *	128 Gbit/s	Shipping (inner) case width	39.3 cm
MAC address table *	16000 entries	Shipping (inner) case length	52.8 cm
Jumbo frames support	✓	Shipping (inner) case net weight	14.4 kg
Packet buffer memory	2 MB	Products per shipping (inner) case	3 pc(s)
Security		Pallet gross weight (air)	500.9 kg
DHCP features	DHCP server, DHCP client	Master (outer) cases per pallet (air)	24 pc(s)
Access Control List (ACL)	✓	Products per pallet (air)	72 pc(s)
IGMP snooping	✓	Pallet gross length	110 cm
MAC address filtering	✓	Pallet gross width	120 cm
SSH/SSL support	✗	Pallet height (air)	2.08 m
Multicast features		Pallet gross weight (sea)	500.9 kg
Multicast support	✓	Master (outer) cases per pallet (sea)	24 pc(s)
		Products per pallet (sea)	72 pc(s)
		Pallet height (sea)	2.08 m
		Shipping (inner) case gross weight	20.1 kg

Design

Rack mounting * 

Performance

Noise level 46.5 dB

Mean time between failures (MTBF) 287763 h



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