



D-Link DGS-1510-52X network switch Managed L3 Gigabit Ethernet (10/100/1000) 1U Black

Brand : D-Link

Product code: DGS-1510-52X

Product name : DGS-1510-52X



48 x 10/100/1000 Mbps, 4 x 10G SFP+, 100 - 240 VAC, 50/60 Hz, 2 x fan, 1U, 2.4 kg
D-Link DGS-1510-52X. Switch type: Managed, Switch layer: L3. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 48. Full duplex. MAC address table: 16000 entries, Switching capacity: 176 Gbit/s. Networking standards: IEEE 802.3, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3u, IEEE 802.3x. Power connector: DC-in jack. Rack mounting, Form factor: 1U

Management features		Technical details	
Switch type *	Managed	Shipping (inner) case height	39.8 cm
Switch layer	L3	Shipping (inner) case width	32.4 cm
Quality of Service (QoS) support	✓	Shipping (inner) case length	57.3 cm
Web-based management	✓	Shipping (inner) case net weight	11.4 kg
Ports & interfaces		Products per shipping (inner) case	3 pc(s)
Basic switching RJ-45 Ethernet ports quantity *	48	Pallet gross weight (air)	375.1 kg
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Master (outer) cases per pallet (air)	24 pc(s)
SFP+ module slots quantity	4	Products per pallet (air)	72 pc(s)
Power connector	DC-in jack	Pallet gross length	110 cm
Network		Pallet gross width	120 cm
Networking standards *	IEEE 802.3, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3u, IEEE 802.3x	Pallet height (air)	173 cm
10G support *	✓	Pallet gross weight (sea)	375.1 kg
Port mirroring	✓	Master (outer) cases per pallet (sea)	24 pc(s)
Full duplex	✓	Products per pallet (sea)	72 pc(s)
Flow control support	✓	Pallet height (sea)	173 cm
Link aggregation	✓	Shipping (inner) case gross weight	14.9 kg
Broadcast storm control	✓	Power	
Auto MDI/MDI-X	✓	AC input voltage	100 - 240 V
Head-of-line (HOL) blocking	✓	AC input frequency	50 - 60 Hz
VLAN support	✓	Power consumption (max)	44.2 W
Data transmission		Power over Ethernet (PoE)	
Switching capacity *	176 Gbit/s	Power over Ethernet (PoE) *	✗
Throughput	130.95 Mpps	Operational conditions	
MAC address table *	16000 entries	Operating temperature (T-T)	-5 - 50 °C
Store-and-forward	✓	Storage temperature (T-T)	-20 - 70 °C
Packet buffer memory	3 MB	Operating relative humidity (H-H)	0 - 95%
		Storage relative humidity (H-H)	0 - 95%
		Heat dissipation	138.8 BTU/h
Security		Weight & dimensions	
DHCP features	DHCP server, DHCP client	Width	440 mm
Access Control List (ACL)	✓	Depth	250 mm
IGMP snooping	✓	Height	44 mm
MAC address filtering	✓	Weight	5.3 kg
SSH/SSL support	✓	Packaging data	
Multicast features		Package width	365 mm
Multicast support	✓	Package depth	555 mm
Design		Package height	101 mm
Rack mounting *	✓	Package weight	4.62 kg

Design		Logistics data	
Stackable *	✓	Harmonized System (HS) code	85176990
Form factor	1U		
Product colour	Black		
LED indicators	Activity, Link, Power		
Number of fans	2 fan(s)		
Safety	cUL, CB		
Certification	CE, FCC, C-Tick, VCCI, BSMI, CCC		
Performance			
Noise level	45.8 dB		



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