



D-Link DGS-1510-28XMP network switch Managed L2/L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black, Grey

Brand : D-Link

Product code: DGS-1510-28XMP

Product name : DGS-1510-28XMP

24x 10/100/1000 RJ-45, 4x 10G SFP+, PoE, 128 Gbps, 95.24 Mpps, 440 x 308 x 44 mm, 4.25 kg
D-Link DGS-1510-28XMP. Switch type: Managed, Switch layer: L2/L3. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 24. Full duplex. MAC address table: 16384 entries, Switching capacity: 128 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE.... Power over Ethernet (PoE). Rack mounting



Management features		Design	
Switch type *	Managed	Safety	cUL, CB
Switch layer	L2/L3	Performance	
Quality of Service (QoS) support	✓	Physical stacking (units)	6
Traffic classification	✓	Virtual stacking (units)	32
System event log	✓	Noise level	56.9 dB
Ports & interfaces		Power	
Basic switching RJ-45 Ethernet ports quantity *	24	AC input voltage	100 - 240 V
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	AC input frequency	50 - 60 Hz
SFP+ module slots quantity	4	Power consumption (max)	436.3 W
Fiber optic connector	SFP+	Power over Ethernet (PoE)	
Network		Power over Ethernet (PoE) *	✓
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x	Power over Ethernet (PoE) ports quantity	24
10G support *	✓	Power over Ethernet (PoE) power per port	30 W
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	Total Power over Ethernet (PoE) budget	370 W
Cable types supported	Cat5, Cat5e	Operational conditions	
Port mirroring	✓	Operating temperature (T-T)	-5 - 50 °C
Full duplex	✓	Storage temperature (T-T)	-20 - 70 °C
Flow control support	✓	Operating relative humidity (H-H)	0 - 95%
Link aggregation	✓	Storage relative humidity (H-H)	0 - 95%
Broadcast storm control	✓	Heat dissipation	1487.78 BTU/h
Auto MDI/MDI-X	✓	Weight & dimensions	
Spanning tree protocol	✓	Width	440 mm
Head-of-line (HOL) blocking	✓	Depth	308 mm
Auto-negotiation	✓	Height	44 mm
MAC address auto-learning supported	✓	Weight	4.25 kg
VLAN support	✓	Packaging data	
Virtual LAN features	Tagged VLAN, Protocol-based VLAN	Package width	450 mm
Number of VLANs	4094	Package depth	510 mm
		Package height	121 mm
		Package weight	7.06 kg
		Technical details	
		Shipping (inner) case height	48.5 cm

Data transmission		Technical details	
Switching capacity *	128 Gbit/s	Shipping (inner) case width	38.5 cm
Throughput	95.24 Mpps	Shipping (inner) case length	53 cm
MAC address table *	16384 entries	Shipping (inner) case net weight	14.3 kg
Store-and-forward	✓	Products per shipping (inner) case	3 pc(s)
Number of queues	8	Pallet gross weight (air)	561.6 kg
Jumbo frames support	✓	Master (outer) cases per pallet (air)	24 pc(s)
Jumbo frames	9216	Products per pallet (air)	72 pc(s)
Packet buffer memory	1.5 MB	Pallet gross length	110 cm
Security		Pallet gross width	120 cm
DHCP features	DHCP server, DHCP client	Pallet height (air)	2.08 m
Access Control List (ACL)	✓	Pallet gross weight (sea)	561.6 kg
Access Control List (ACL) rules	768	Master (outer) cases per pallet (sea)	24 pc(s)
IGMP snooping	✓	Products per pallet (sea)	72 pc(s)
Security algorithms	802.1x RADIUS, EAP, SNMP, SSH, SSH-2, SSL/TLS	Pallet height (sea)	2.08 m
SSH/SSL support	✓	Shipping (inner) case gross weight	22.6 kg
BPDU filtering/protection	✓	Certificates	
Authentication	MAC-based authentication, Port-based authentication	Certification	CE, FCC, C-Tick, VCCI, BSMI, CCC
Multicast features		Logistics data	
Multicast support	✓	Harmonized System (HS) code	85176990
Design			
Rack mounting *	✓		
Stackable *	✓		
Product colour	Black, Grey		
LED indicators	Activity, Link, PoE, Power, Speed		
Number of fans	2 fan(s)		



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