



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	Certification	CE, FCC, C-Tick, VCCI, BSMI, CCC
Quality of Service (QoS) support	✓	Performance	
Traffic classification	✓	Physical stacking (units)	6
System event log	✓	Virtual stacking (units)	32
Ports & interfaces		Noise level	56.9 dB
Basic switching RJ-45 Ethernet ports quantity *	24	Technical details	
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Shipping (inner) case height	48.5 cm
SFP+ module slots quantity	4	Shipping (inner) case width	38.5 cm
Fiber optic connector	SFP+	Shipping (inner) case length	53 cm
Network		Shipping (inner) case net weight	14.3 kg
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	Products per shipping (inner) case	3 pc(s)
10G support *	✓	Pallet gross weight (air)	561.6 kg
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	Master (outer) cases per pallet (air)	24 pc(s)
Cable types supported	Cat5, Cat5e	Products per pallet (air)	72 pc(s)
Port mirroring	✓	Pallet gross length	110 cm
Full duplex	✓	Pallet gross width	120 cm
Flow control support	✓	Pallet height (air)	2.08 m
Link aggregation	✓	Pallet gross weight (sea)	561.6 kg
Broadcast storm control	✓	Master (outer) cases per pallet (sea)	24 pc(s)
Auto MDI/MDI-X	✓	Products per pallet (sea)	72 pc(s)
Spanning tree protocol	✓	Pallet height (sea)	2.08 m
Head-of-line (HOL) blocking	✓	Shipping (inner) case gross weight	22.6 kg
Auto-negotiation	✓	Power	
MAC address auto-learning supported	✓	AC input voltage	100 - 240 V
VLAN support	✓	AC input frequency	50 - 60 Hz
Virtual LAN features	Tagged VLAN, Protocol-based VLAN	Power consumption (max)	436.3 W
Number of VLANs	4094	Power over Ethernet (PoE)	
Data transmission		Power over Ethernet (PoE) *	✓
Switching capacity *	128 Gbit/s	Power over Ethernet (PoE) ports quantity	24
Throughput	95.24 Mpps	Power over Ethernet (PoE) power per port	30 W
MAC address table *	16384 entries	Total Power over Ethernet (PoE) budget	370 W
Store-and-forward	✓	Operational conditions	
		Operating temperature (T-T)	-5 - 50 °C
		Storage temperature (T-T)	-20 - 70 °C
		Operating relative humidity (H-H)	0 - 95%
		Storage relative humidity (H-H)	0 - 95%

Data transmission		Operational conditions	
Number of queues	8	Heat dissipation	1487.78 BTU/h
Jumbo frames support	✓	Weight & dimensions	
Jumbo frames	9216	Width	440 mm
Packet buffer memory	1.5 MB	Depth	308 mm
Security		Height	44 mm
DHCP features	DHCP server, DHCP client	Weight	4.25 kg
Access Control List (ACL)	✓	Packaging data	
Access Control List (ACL) rules	768	Package width	450 mm
IGMP snooping	✓	Package depth	510 mm
Security algorithms	802.1x RADIUS, EAP, SNMP, SSH, SSH-2, SSL/TLS	Package height	121 mm
SSH/SSL support	✓	Package weight	7.06 kg
BPDU filtering/protection	✓	Logistics data	
Authentication	MAC-based authentication, Port-based authentication	Harmonized System (HS) code	85176990
Multicast features			
Multicast support	✓		
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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