



D-Link 48-port Gigabit Smart Managed Switch with 4 x 10G SFP+, 370Watts

Brand : D-Link

Product code: DGS-1250-52XMP/E

Product name : D-Link 48-port Gigabit Smart Managed Switch with 4 x 10G SFP+, 370Watts

- 48 x 10/100/1000BASE-T PoE ports
- 4 x 10G SFP+ ports
- Lite L3 Static Routing
- Advanced security features, IMPB, 802.1X Authentication
- 370W PoE Power Budget (802.3af/at)
- Dual Image & Configuration
- Supports STP/RSTP/MSTP
- Full CLI
- QoS Enablement
- 11 Web Languages

52-Port 10-Gigabit Smart Managed PoE Switch

D-Link 48-port Gigabit Smart Managed Switch with 4 x 10G SFP+, 370Watts. Switch type: Managed, Switch layer: L3. Basic switching RJ-45 Ethernet ports quantity: 48, Console port: RJ-45. MAC address table: 32000 entries, Switching capacity: 176 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.3, IEEE 802.3ab, IEEE.... Power over Ethernet (PoE). Rack mounting



Management features		Performance	
Switch type *	Managed	Flash memory	64 MB
Switch layer	L3	Noise level	51.2 dB
Quality of Service (QoS) support	✓	Mean time between failures (MTBF)	309053.1 h
Web-based management	✓	Power	
Cloud-managed	✗	Power supply included *	✓
Configuring Location Settings (CLI)	✓	AC input voltage	100 - 240 V
System event log	✓	Power consumption (max)	467.3 W
MIB support	RFC2893, RFC4213, RFC4291,	Power over Ethernet (PoE)	
	RFC2464, RFC2462, RFC4862,	Power over Ethernet (PoE) *	✓
	RFC2461, RFC4861, RFC2573,	Power over Ethernet (PoE) ports quantity	48
	RFC1321, RFC2284, RFC2865,	Power over Ethernet (PoE) power per port	15.4 W
	RFC2716, RFC3580, RFC826,	Total Power over Ethernet (PoE) budget	370 W
	RFC2463, RFC4443, RFC792,	Operational conditions	
	RFC793, RFC768, RFC791,	Operating temperature (T-T)	-5 - 50 °C
	RFC2389, RFC4113, RFC4022,	Storage temperature (T-T)	-20 - 70 °C
	RFC2618, RFC2674, RFC1398,	Operating relative humidity (H-H)	0 - 95%
	RFC1643, RFC1650, RFC2358,	Storage relative humidity (H-H)	0 - 95%
Ports & interfaces		Heat dissipation	1512.676 BTU/h
		Weight & dimensions	
		Width	440 mm
		Depth	430 mm
		Height	44 mm
Packaging data		Weight	3.85 kg
		Package width	393 mm
		Package depth	563 mm
		Package height	89 mm
		Package weight	5.17 kg
Basic switching RJ-45 Ethernet ports quantity *	48		
Basic switching RJ-45 Ethernet ports type *	✗		
SFP+ module slots quantity	4		
Console port	RJ-45		

Network		Technical details	
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Shipping (inner) case height	42.8 cm
		Shipping (inner) case width	47.8 cm
		Shipping (inner) case length	58.5 cm
		Shipping (inner) case net weight	22.9 kg
		Products per shipping (inner) case	5 pc(s)
		Pallet gross weight (air)	456.1 kg
		Master (outer) cases per pallet (air)	16 pc(s)
		Products per pallet (air)	80 pc(s)
		Pallet gross length	110 cm
		Pallet gross width	120 cm
10G support *	✓	Pallet height (air)	184.7 cm
Flow control support	✓	Pallet gross weight (sea)	456.1 kg
Link aggregation	✓	Master (outer) cases per pallet (sea)	16 pc(s)
Broadcast storm control	✓	Products per pallet (sea)	80 pc(s)
Auto MDI/MDI-X	✓	Pallet height (sea)	184.7 cm
Spanning tree protocol	✓	Shipping (inner) case gross weight	27.4 kg
Head-of-line (HOL) blocking	✓	Certificates	
VLAN support	✓	Certification	CB, UL, BSMI, CCC
Virtual LAN features	Voice VLAN	Logistics data	
Number of VLANs	4094	Harmonized System (HS) code	85176990
Data transmission			
Switching capacity *	176 Gbit/s		
Forwarding rate	130.95 Mpps		
MAC address table *	32000 entries		
Static route	✓		
Number of static routes	124		
Jumbo frames support	✓		
Jumbo frames	12000		
Packet buffer memory	16 MB		
Security			
DHCP features	DHCP client, DHCP server, DHCP snooping		
Access Control List (ACL)	✓		
Access Control List (ACL) rules	768		
IGMP snooping	✓		
Security algorithms	EAP, LEAP, PEAP, SSH, TTLS		
Loop protection	✓		
IP-MAC-Port binding	✓		
Queue scheduling algorithms	Weighted Round Robin (WRR)		
Multicast features			
Multicast support	✓		
Design			
Rack mounting *	✓		
Product colour	Black		
LED indicators	Activity, Link, Power, Speed		
Electromagnetic compatibility	CE A, VCCI A, FCC A, IC, BSMI		
Performance			
Memory type	DDR3-SDRAM		
Internal memory	2048 MB		



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