



D-Link 24-port Gigabit Smart Managed Switch with 4x 10G SFP+

Brand : D-Link

Product code: DGS-1250-28X/E

Product name : D-Link 24-port Gigabit Smart Managed Switch with 4x 10G SFP+



- 24 x 10/100/1000BASE-T ports
- 4 x 10G SFP+ ports
- Lite L3 Static Routing
- Advanced security features, IMPB, 802.1X Authentication
- Dual Image & Configuration
- Supports STP/RSTP/MSTP
- Full CLI
- QoS Enablement
- 11 Web Languages



28-Port Smart Managed Switch with 10 Gigabit Uplinks
D-Link 24-port Gigabit Smart Managed Switch with 4x 10G SFP+. 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: 24, Console port: RJ-45. Full duplex. MAC address table: 16000 entries, Switching capacity: 128 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.3, IEEE 802.3ab, IEEE.... Rack mounting

Management features		Security	
Switch type *	Managed	Access Control List (ACL)	✓
Switch layer	L3	Access Control List (ACL) rules	768
Quality of Service (QoS) support	✓	IGMP snooping	✓
Web-based management	✓	Security algorithms	EAP, MD5, PEAP, SSH, SSL/TLS, TTLS
ARP inspection	✓	Loop protection	✓
Configuring Location Settings (CLI)	✓	IP-MAC-Port binding	✓
System event log	✓	Queue scheduling algorithms	Weighted Round Robin (WRR)
MIB support	RFC2893, RFC4213, RFC4291, RFC2464, RFC2462, RFC4862, RFC2461, RFC4861, RFC2573, RFC1321, RFC2284, RFC2865, RFC2716, RFC3580, RFC826, RFC2463, RFC4443, RFC792, RFC793, RFC768, RFC791, RFC2389, RFC4113, RFC4022, RFC2618, RFC2674, RFC1398, RFC1643, RFC1650, RFC2358, RFC2665, RFC2021, RFC271, RFC1757, RFC2819, RFC1442, RFC1901, RFC1902, RFC1903, RFC1904, RFC1905, RFC1906, RFC1907, RFC1908, RFC2578, RFC3418, RFC2573, RFC2575, RFC2576, RFC1212, RFC1213, RFC1215, RFC1493, RFC1157, RFC2620,	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
		Flash memory	64 MB
		Noise level	47.6 dB
		Firmware upgradeable	✓
		Mean time between failures (MTBF)	743482.45 h
Ports & interfaces		Power	
Basic switching RJ-45 Ethernet ports quantity *	24	Power supply included *	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	AC input voltage	100 - 240 V
SFP+ module slots quantity	4	Power consumption (max)	30.6 W
Console port	RJ-45	Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✗

Network		Operational conditions	
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 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	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%
		Heat dissipation	104.346 BTU/h
10G support *	✓	Weight & dimensions	
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	Width	440 mm
Cable types supported	Cat5, Cat5e	Depth	140 mm
Port mirroring	✓	Height	44 mm
Full duplex	✓	Weight	3.86 kg
Flow control support	✓	Packaging data	
Link aggregation	✓	Package width	282 mm
Broadcast storm control	✓	Package depth	563 mm
Auto MDI/MDI-X	✓	Package height	89 mm
Spanning tree protocol	✓	Package weight	2.97 kg
Head-of-line (HOL) blocking	✓	Certificates	
VLAN support	✓	Certification	CB, UL, BSMI, CCC
Virtual LAN features	Voice VLAN		
Number of VLANs	4094		
Optical fiber			
Fiber ethernet cabling technology	100BASE-FX, 1000BASE-LHX, 1000BASE-X, 1000BASE-LX, 1000BASE-SX, 1000BASE-ZX		
Data transmission			
Switching capacity *	128 Gbit/s		
Forwarding rate	95.24 Mpps		
MAC address table *	16000 entries		
Store-and-forward	✓		
Static route	✓		
Number of static routes	124		
Jumbo frames support	✓		
Jumbo frames	12000		
Packet buffer memory	12 MB		
Security			
DHCP features	DHCP client, DHCP server, DHCP snooping		



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Catalog Object Cloud



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