



D-Link DGS-1024D network switch Unmanaged Gigabit Ethernet (10/100/1000) 1U Black, Silver

Brand : D-Link

Product code: DGS-1024D

Product name : DGS-1024D



24x RJ-45 (10/100/1000 Mbps), 1000BASE-T, 48 Gbps, 35.71 mpps

D-Link DGS-1024D. Switch type: Unmanaged. 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: 8000 entries, Switching capacity: 48 Gbit/s. Networking standards: IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x. Power connector: AC-in jack. Rack mounting, Form factor: 1U

Management features		Data transmission	
Switch type *	Unmanaged	Packet forwarding rate (10 Mbps)	1488000 pps
Quality of Service (QoS) support	✓	Packet buffer memory	0.5 MB
Ports & interfaces		Design	
Basic switching RJ-45 Ethernet ports quantity *	24	Rack mounting *	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Stackable *	✓
Power connector	AC-in jack	Form factor	1U
Network		Product colour	Black, Silver
Networking standards *	IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x	Housing material	Metal
10G support *	✗	LED indicators	Activity, Link, Power, Speed
Copper ethernet cabling technology	10BASE-T, 100BASE-T, 1000BASE-T	Electromagnetic compatibility	ICES-003 Class A, FCC Class A, RCM Class A, BSMI Class A, CE Class A, VCCI A, CCC, KCC
Cable types supported	Cat3, Cat4, Cat5, Cat5e	Certification	cUL/UL CE LVD CCC CB BSMI
Full duplex	✓	Performance	
Flow control support	✓	Mean time between failures (MTBF)	863100 h
Broadcast storm control	✓	Power	
Auto MDI/MDI-X	✓	Power supply included *	✓
Active link detection	✓	AC input voltage	100 - 240 V
MAC address auto-learning supported	✓	AC input frequency	50 - 60 Hz
MAC address auto-aging supported	✓	Input current	0.3 A
		Power consumption (max)	13.3 W
Data transmission		Power over Ethernet (PoE)	
Switching capacity *	48 Gbit/s	Power over Ethernet (PoE) *	✗
Forwarding rate	35.71 Mpps	Operational conditions	
MAC address table *	8000 entries	Operating temperature (T-T)	0 - 40 °C
Store-and-forward	✓	Storage temperature (T-T)	-10 - 70 °C
Number of queues	8	Operating relative humidity (H-H)	0 - 95%
Jumbo frames support	✓	Storage relative humidity (H-H)	0 - 95%
Jumbo frames	10000	Heat dissipation	45.35 BTU/h
Packet forwarding rate (1 Gbps)	14880 pps	Weight & dimensions	
Packet forwarding rate (100 Mbps)	148800 pps	Width	280 mm
		Depth	180 mm
		Height	44 mm
		Weight	1.3 kg



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