

## D-Link DGS-3000-28LP verkkokytkin Hallittu L2 Gigabit Ethernet (10/100/1000) Power over Ethernet -tuki 1U musta

**Tuotemerkki :** D-Link

**Tuotekoodi:** DGS-3000-28LP

**Tuotteen nimi :** DGS-3000-28LP

D-Link DGS-3000-28LP. Kytkin tyyppi: Hallittu, Kytinkerros: L2. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: Gigabit Ethernet (10/100/1000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 24, Console-portti: RJ-45. Täysin kaksipuolinen. MAC-osoitetaulukko: 16000 entries, Kytkentäkapasiteetti: 56 Gbit/s. Verkkostandardit: IEEE 802.1AX, IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1ag, IEEE 802.1p, IEEE 802.1s, IEEE.... Power over Ethernet -tuki. Telineasennus, Kotelo: 1U



Management features		Design	
Switch type *	Managed	Electromagnetic compatibility	CE, FCC, C-Tick, VCCI, BSMI
Switch layer	L2	<b>Performance</b>	
Quality of Service (QoS) support	✓	Virtual stacking (units)	32
Web-based management	✓	Built-in processor	✓
ARP inspection	✓	Noise level	47.4 dB
<b>Ports &amp; interfaces</b>		Mean time between failures (MTBF)	304565 h
Basic switching RJ-45 Ethernet ports quantity *	24	<b>Power</b>	
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Redundant power supply (RPS) support	✓
SFP module slots quantity	4	AC input voltage	100 - 240 V
Console port	RJ-45	AC input frequency	50 - 60 Hz
<b>Network</b>		Power consumption (typical)	28.4 W
Networking standards *	IEEE 802.1AX, IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1ag, 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 802.3ah, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x	Power consumption (max)	246.5 W
10G support *	✓	<b>Power over Ethernet (PoE)</b>	
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	Power over Ethernet (PoE) *	✓
Cable types supported	Cat5, Cat5e	Power over Ethernet plus (PoE+) ports quantity	24
Port mirroring	✓	Total Power over Ethernet (PoE) budget	193 W
Full duplex	✓	<b>Operational conditions</b>	
Flow control support	✓	Operating temperature (T-T)	-5 - 50 °C
Link aggregation	✓	Operating relative humidity (H-H)	0 - 95%
Auto MDI/MDI-X	✓	Heat dissipation	840 BTU/h
Spanning tree protocol	✓	<b>Weight &amp; dimensions</b>	
Head-of-line (HOL) blocking	✓	Width	440 mm
VLAN support	✓	Depth	210 mm
Virtual LAN features	Private VLAN, Voice VLAN, Tagged VLAN, Protocol-based VLAN, MAC address-based VLAN, Port-based VLAN	Height	44 mm
Number of VLANs	4094	Weight	2.54 kg
		<b>Packaging data</b>	
		Package width	348 mm
		Package depth	511 mm
		Package height	91 mm
		Package weight	4.11 kg
		<b>Technical details</b>	
		Shipping (inner) case height	38.3 cm

Data transmission		Technical details	
Switching capacity *	56 Gbit/s	Shipping (inner) case width	29.6 cm
Forwarding rate	68.45 Mpps	Shipping (inner) case length	52.9 cm
MAC address table *	16000 entries	Shipping (inner) case net weight	7.8 kg
Number of static routes	64	Products per shipping (inner) case	3 pc(s)
Jumbo frames support	✓	Pallet gross weight (air)	545.3 kg
Jumbo frames	9216	Master (outer) cases per pallet (air)	40 pc(s)
Packet buffer memory	1.5 MB	Products per pallet (air)	120 pc(s)
Security		Pallet gross length	110 cm
DHCP features	DHCP server, DHCP client	Pallet gross width	120 cm
Access Control List (ACL)	✓	Pallet height (air)	2.05 m
Access Control List (ACL) rules	1024	Pallet gross weight (sea)	545.3 kg
IGMP snooping	✓	Master (outer) cases per pallet (sea)	40 pc(s)
Security algorithms	802.1x RADIUS, SNMP, SNMPv3, SSH, SSH-2, SSL/TLS	Products per pallet (sea)	120 pc(s)
BPDU filtering/protection	✓	Pallet height (sea)	2.05 m
Multicast features		Shipping (inner) case gross weight	13.2 kg
Multicast support	✓	Logistics data	
Multicast Listener Discovery (MLD) snooping	MLD v1, MLD v2	Harmonized System (HS) code	85176990
Design			
Rack mounting *	✓		
Stackable *	✓		
Form factor	1U		
Product colour	Black		
LED indicators	Activity, Fan fail, Link, Power, Speed		
Number of fans	2 fan(s)		
Safety	cUL, CB		



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