D-Link

D-Link DGS-3630-28TC network switch Managed L3 Gigabit Ethernet (10/100/1000) 1U Black



Brand : D-Link

Product code: DGS-3630-28TC

Product name : DGS-3630-28TC

28-Port Layer 3 Stackable Managed Gigabit Switch, w / 4 10GbE Ports

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The DGS-3630-28TC Layer 3 Stackable Managed Switch is designed for Small Medium Businesses (SMBs), Small Medium Enterprises (SMEs), larger Enterprises, and ISPs. It features 20 x 10/100/1000 ports, 4 x 10/100/1000 or SFP combo ports, and 4 x 10GbE SFP+ ports. This switch supports core SMB and SME functionality, such as L2 switching, entry-level routing, L2 multicast, advanced QoS, OAM, and robust security features. With a simple upgrade it can also support full L3 routing for Enterprise integration, including OSPF, BGP, VRF-Lite and L3 multicast.

Management features	
Switch type *	Managed
Switch layer	L3
Quality of Service (QoS) support	✔
Web-based management	✔
Traffic classification	✔
ARP inspection	✔
System event log	✔

Ports & interfaces	
Basic switching RJ-45 Ethernet ports quantity *	20
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
Gigabit Ethernet (copper) ports quantity	20
Installed SFP+ modules quantity *	4
Combo SFP ports quantity	4
Console port	RJ-45/Mini-USB
USB 2.0 ports quantity	1

Network	
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qbb, IEEE 802.1ag, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ah, IEEE 802.3x, IEEE 802.3z
10G support *	✔
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T
Port mirroring	✔
Full duplex	✔
Routing entries	16000
Flow control support	✔
Link aggregation	✔
Broadcast storm control	✔
Spanning tree protocol	✔
VLAN support	✔
Virtual LAN features	Stacked VLAN, Private VLAN, Tagged VLAN, Port-based VLAN
Number of VLANs	4094

Security	
Security algorithms	802.1x RADIUS, SSH, SSH-2, SSL/TLS
MAC address filtering	✔
SSH/SSL support	✔
Loop protection	✔
BPDU filtering/protection	✔
Authentication	Guest VLAN, Port-based authentication

Multicast features	
Multicast support	✔

Protocols	
Management protocols	SNMP, NTPv3/v4, Telnet
Supported network protocols	IPv4/v6

Design	
Rack mounting *	✔
Stackable *	✔
Form factor	1U
Product colour	Black
LED indicators	✔
Number of fans	2 fan(s)
Safety	cUL, CB, CE, CCC, BSM
Electromagnetic compatibility	CE, FCC Class A, C-Tick, VCCI, BSMI, CCC

Performance	
Virtual stacking (units)	32
Noise level	52.7 dB
Mean time between failures (MTBF)	300190 h

Power	
Power supply included *	✔
Redundant power supply (RPS) support	✔
Number of power supply units	1
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (max)	42.4 W

Power over Ethernet (PoE)

Data transmission	
Switching capacity *	128 Gbit/s
Throughput	95.24 Mpps
MAC address table *	68000 entries
Number of queues	8
Number of IP interfaces	256
Jumbo frames support	✔
Jumbo frames	12000
Packet buffer memory	4 MB

Security	
DHCP features	DHCP server, DHCP client
Access Control List (ACL)	✔
IGMP snooping	✔

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✘

Operational conditions	
Operating temperature (T-T)	-5 - 50 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 95%
Storage relative humidity (H-H)	5 - 95%
Heat dissipation	145 BTU/h

Weight & dimensions	
Width	441 mm
Depth	260 mm
Height	44 mm
Weight	3.74 kg

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