D-Link

D-Link DGS-3130-30S/E verkkokytkin Hallittu L3 10G Ethernet (100/1000/10000) Harmaa

Tuotemerkki : D-Link

Tuotekoodi: DGS-3130-30S/E

Tuotteen nimi : DGS-3130-30S/E

D-Link DGS-3130-30S/E. Kytkin tyyppi: Hallittu, Kytkinkerros: L3. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: 10G Ethernet (100/1000/10000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 2, USB 2.0 - porttien määrä: 1. MAC-osoitetaulukko: 16384 entries, Kytkentäkapasiteetti: 168 Gbit/s. Verkkostandardit: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.1x, IEEE.... Virtaliitin: AC-in-liitin

Management features

Switch type *	Managed
Switch layer	L3
Quality of Service (QoS) support	✔
Web-based management	✔
ARP inspection	✔
MIB support	RFC 1213; RFC 4188; RFC 1157, 2571-2576; RFC 1907; RFC 1757, 2819; RFC 2021; RFC 1398, 1643, 1650, 2358, 2665; RFC 2674 802.1p 2233, 2863 IF MIB; RFC 2618; RFC 2620; RFC 2925; RFC 2674, 4363; RFC 1065, 1066, 1155, 1156, 2578; RFC 1215; RFC 1212; RFC 1215; RFC 1157, 2571-2576; RFC 4022; RFC 4113; RFC 4293; RFC 2737

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	2
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)
SFP module slots quantity	24
SFP+ module slots quantity	4
Fiber optic connector	SFP, SFP+
USB 2.0 ports quantity	1
Power connector	AC-in jack

Network

Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE 802.3ah, IEEE 802.3az, IEEE 802.3x
10G support *	✔
Copper ethernet cabling technology	10BASE-T, 100BASE-T, 1000BASE-T
Port mirroring	✔
Flow control support	✔
Link aggregation	✔
Spanning tree protocol	✔
Head-of-line (HOL) blocking	✔
VLAN support	✔
Virtual LAN features	MAC address-based VLAN, Port-based VLAN, Private VLAN, Tagged VLAN, Voice VLAN
Number of VLANs	4000

Security

Security algorithms	SNMP, SNMPv3, SSH-2, SSL/TLS
SSH/SSL support	✔
Loop protection	✔
BPDU filtering/protection	✔
Authentication	Guest VLAN, MAC-based authentication, Port-based authentication
Queue scheduling algorithms	Deficit weighted round robin (DWRR), SP, WRR+SP, Weighted Round Robin (WRR)

Multicast features

Multicast support	✔

Protocols

Routing protocols	RIP

Design

Stackable *	✔
Product colour	Grey
LED indicators	✔
Number of fans	3 fan(s)

Performance

Physical stacking (units)	9
Virtual stacking (units)	32
Noise level	52.3 dB
Mean time between failures (MTBF)	400490 h

Power

Power source *	DC
Redundant power supply (RPS) support	✔
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (max)	65.01 W

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✘

Operational conditions

Operating temperature (T-T)	0 - 50 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%
Heat dissipation	221.8 BTU/h

Data transmission

Switching capacity *	168 Gbit/s
Forwarding rate	125 Mpps
MAC address table *	16384 entries
Jumbo frames support	✔
Jumbo frames	9000
Packet buffer memory	2 MB

Security

DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping
Access Control List (ACL)	✔
Access Control List (ACL) egress	512
Access Control List (ACL) ingress	2048
IGMP snooping	✔

Weight & dimensions

Width	440 mm
Depth	250 mm
Height	44 mm
Weight	3.5 kg

Certificates

Certification	FCC A, CE A, VCCI A, IC, RCM, BSMI, CCC

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