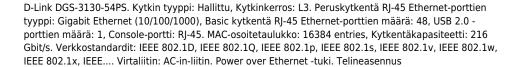**D-Link**

D-Link DGS-3130-54PS Hallittu L3 Gigabit Ethernet (10/100/1000) Power over Ethernet -tuki musta, Harmaa

Tuotemerkki : D-Link

Tuotekoodi: DGS-3130-54PS/SI

Tuotteen nimi : DGS-3130-54PS

D-Link DGS-3130-54PS. Kytkin tyyppi: Hallittu, Kytkinkerros: L3. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: Gigabit Ethernet (10/100/1000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 48, USB 2.0 - porttien määrä: 1, Console-portti: RJ-45. MAC-osoitetaulukko: 16384 entries, Kytkentäkapasiteetti: 216 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. Power over Ethernet -tuki. Telineasennus

Management features

Switch type *	Managed
Switch layer	L3
Quality of Service (QoS) support	✔
Web-based management	✔
ARP inspection	✔
System event log	✔
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 *	48
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
SFP+ module slots quantity	4
Fiber optic connector	SFP+
Console port	RJ-45
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 802.3af, IEEE 802.3ah, IEEE 802.3at, IEEE 802.3az, IEEE 802.3x
10G support *	✔
Copper ethernet cabling technology	10BASE-T, 10GBASE-T, 100BASE-TX, 1000BASE-T
Port mirroring	✔
Flow control support	✔
Link aggregation	✔
Broadcast storm control	✔

Design

LED indicators	✔
Number of fans	4 fan(s)
Safety	CB, cUL, BSMI, CCC

Performance

Physical stacking (units)	9
Virtual stacking (units)	32
Noise level	54.2 dB
Telnet	✔
sFlow	✔
Mean time between failures (MTBF)	356876 h

Power

Redundant power supply (RPS) support	✔
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (max)	487.26 W

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✔
Power over Ethernet plus (PoE+) ports quantity	48
Total Power over Ethernet (PoE) budget	370 W

Other features

I/O ports	2 x 10GBASE-T

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	1662.6 BTU/h

Weight & dimensions

Width	440 mm
Depth	350 mm
Height	44 mm
Weight	5.14 kg

Network

Spanning tree protocol	✔
Head-of-line (HOL) blocking	✔
VLAN support	✔
Virtual LAN features	Private VLAN, Voice VLAN, Tagged VLAN, MAC address-based VLAN, Port-based VLAN
Number of VLANs	4000

Data transmission

Switching capacity *	216 Gbit/s
Forwarding rate	161 Mpps
MAC address table *	16384 entries
Number of queues	8
Jumbo frames support	✔
Packet buffer memory	4 MB

Security

DHCP features	DHCP server, DHCP snooping, DHCP relay, DHCP client
Access Control List (ACL)	✔
Access Control List (ACL) egress	512
Access Control List (ACL) ingress	2048
IGMP snooping	✔
Security algorithms	SNMP, SNMPv3, SSH-2, SSL/TLS
SSH/SSL support	✔
Loop protection	✔
BPDU filtering/protection	✔
Authentication	MAC-based authentication, Port-based authentication, Web-based authentication
Root protection	✔
Password protection	✔
DoS attack prevention	✔
Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)

Multicast features

Multicast support	✔
Multicast features	Controllable multicast

Protocols

GARP VLAN Registration Protocol (GVRP)	✔
Virtual Router Redundancy Protocol (VRRP)	✔
Routing protocols	RIP

Design

Rack mounting *	✔
Stackable *	✔
Product colour	Black, Grey

Packaging data

Package width	450 mm
Package depth	595 mm
Package height	118 mm
Package weight	6.88 kg

Technical details

Shipping (inner) case height	62 cm
Shipping (inner) case width	38 cm
Shipping (inner) case length	46.5 cm
Shipping (inner) case net weight	22.8 kg
Products per shipping (inner) case	3 pc(s)
Pallet gross weight (air)	297.4 kg
Master (outer) cases per pallet (air)	12 pc(s)
Products per pallet (air)	36 pc(s)
Pallet gross length	110 cm
Pallet gross width	120 cm
Pallet height (air)	137.5 cm
Pallet gross weight (sea)	437.2 kg
Master (outer) cases per pallet (sea)	18 pc(s)
Products per pallet (sea)	54 pc(s)
Pallet height (sea)	199.5 cm
Shipping (inner) case gross weight	23.3 kg

Certificates

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

Logistics data

Harmonized System (HS) code	85176990

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