

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

**Tuotemerkki :** D-Link

**Tuotekoodi:** DGS-3130-54PS/E

**Tuotteen nimi :** DGS-3130-54PS/E

D-Link DGS-3130-54PS/E. Kytkin tyyppi: Hallittu, Kytinkerros: 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.... Virtualiitin: AC-in-liitin. Power over Ethernet -tuki. Telineasennus



Management features		Security	
Switch type *	Managed	Loop protection	✓
Switch layer	L3	BPDU filtering/protection	✓
Quality of Service (QoS) support	✓	Authentication	MAC-based authentication, Port-based authentication, Web-based authentication
Web-based management	✓	Password protection	✓
ARP inspection	✓	Queue scheduling algorithms	Deficit weighted round robin (DWRR), SP, WRR+SP, Weighted Round Robin (WRR)
System event log	✓		
	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	Multicast features	
MIB support	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	Multicast support	✓
		Multicast features	Controllable multicast
Ports & interfaces		Protocols	
Basic switching RJ-45 Ethernet ports quantity *	48	GARP VLAN Registration Protocol (GVRP)	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Routing protocols	RIP
SFP+ module slots quantity	4	Design	
Fiber optic connector	SFP+	Rack mounting *	✓
Console port	RJ-45	Stackable *	✓
USB 2.0 ports quantity	1	Product colour	Grey
Power connector	AC-in jack	LED indicators	✓
Network		Number of fans	4 fan(s)
		Performance	
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	Physical stacking (units)	9
10G support *	✓	Virtual stacking (units)	32
Copper ethernet cabling technology	10BASE-T, 10GBASE-T, 100BASE-TX, 1000BASE-T	Noise level	56 dB
Port mirroring	✓	Mean time between failures (MTBF)	356876 h
Flow control support	✓	Power	
Link aggregation	✓	Power source *	DC/PoE
Broadcast storm control	✓	Redundant power supply (RPS) support	✓
Spanning tree protocol	✓	AC input voltage	100 - 240 V
Head-of-line (HOL) blocking	✓	AC input frequency	50 - 60 Hz
VLAN support	✓	Power consumption (max)	474.51 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

Network		Operational conditions	
Virtual LAN features	MAC address-based VLAN, Port-based VLAN, Private VLAN, Tagged VLAN, Voice VLAN	Operating temperature (T-T)	0 - 50 °C
Number of VLANs	4000	Storage temperature (T-T)	-40 - 70 °C
<b>Data transmission</b>		Operating relative humidity (H-H)	10 - 90%
Switching capacity *	216 Gbit/s	Storage relative humidity (H-H)	5 - 90%
Forwarding rate	161 Mpps	Heat dissipation	1619.03 BTU/h
MAC address table *	16384 entries	<b>Weight &amp; dimensions</b>	
Number of queues	8	Width	440 mm
Jumbo frames support	✓	Depth	430 mm
Packet buffer memory	2 MB	Height	44 mm
<b>Security</b>		Weight	6.2 kg
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	✓		
Security algorithms	SNMP, SNMPv3, SSH-2, SSL/TLS		
SSH/SSL support	✓		



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