



D-Link DGS-3130-30PS/E netwerk-switch Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Grijs

Merk : D-Link

Artikelcode: DGS-3130-30PS/E

Productnaam : DGS-3130-30PS/E

D-Link DGS-3130-30PS/E. Switch type: Managed, Switch-laag: L3. Type basis-switching RJ-45 Ethernet-poorten: Gigabit Ethernet (10/100/1000), Aantal basis-switching RJ-45 Ethernet-poorten: 24, Aantal USB 2.0-poorten: 1. MAC-adrestabel: 16384 entries, Switchingcapaciteit: 168 Gbit/s. Netwerkstandaard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.1x, IEEE....
Netstekker: AC-in-aansluiting. Power over Ethernet (PoE). Rack-montage



Management features		Security	
Switch type *	Managed	Password protection	✓
Switch layer	L3	Queue scheduling algorithms	Deficit weighted round robin (DWRR), SP, WRR+SP, Weighted Round Robin (WRR)
Quality of Service (QoS) support	✓	Multicast features	
Web-based management	✓	Multicast support	✓
ARP inspection	✓	Multicast features	Controllable multicast
System event log	✓	Protocols	
MIB support	RFC1065, RFC1066, RFC1155, RFC1156, RFC2578 MIB Structure • RFC1212 Concise MIB Definitions • RFC1213 MIBII • RFC1215 MIB Traps Convention • RFC1493, RFC4188 Bridge MIB • RFC1157, RFC2571, RFC2572, RFC2573, RFC2574, RFC2575, RFC2576 SNMP MIB • RFC1442, RFC1901, RFC1902, RFC1903, RFC1904, RFC1905, RFC1906, RFC1907, RFC1908, RFC2578, RFC3418, RFC3636 SNMPv2 MIB • RFC271, RFC1757, RFC2819 RMON MIB • RFC2021 RMONv2 MIB • RFC1398, RFC1643, RFC1650, RFC2358, RFC2665, RFC3635 Etherlike MIB • RFC2668 802.3 MAU MIB • RFC2674, RFC4363 802.1p MIB • Interface Group MIB • RFC2618 RADIUS Authentication Client MIB • RFC4022 MIB for TCP • RFC4113 MIB for UDP • RFC2389 MIB for Diffserv. • RFC2620 RADIUS Accounting Client MIB • RFC2925 Ping & TRACEROUTE MIB • TFTP uploads and downloads (D-Link MIB) • Trap MIB (D-Link MIB) • RFC4265 IPv6 MIB • RFC4266 ICMPv6 MIB • Entity MIB • VRRP MIB • RIPv2 MIB • RFC1850, RFC5643 OSPF MIB • RFC4293 IPv6 SNMP Mgmt Interface MIB • DDM MIB (D-Link MIB) • Private MIB • MIB for D-Link Zone Defense • RFC3621 Power Ethernet MIB • DDP MIB • LLDP-MED MIB	GARP VLAN Registration Protocol (GVRP)	✓
		Routing protocols	RIP
		Design	
		Rack mounting *	✓
		Stackable *	✓
		Product colour	Grey
		LED indicators	✓
		Number of fans	3 fan(s)
		Performance	
		Physical stacking (units)	9
		Virtual stacking (units)	32
		Noise level	53.4 dB
		Mean time between failures (MTBF)	279418 h
		Power	
		Power source *	DC
		Redundant power supply (RPS) support	✓
		AC input voltage	100 - 240 V
		AC input frequency	50 - 60 Hz
		Power consumption (typical)	38.74 W
		Power consumption (max)	454.55 W
		Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✓
		Power over Ethernet plus (PoE+) ports quantity	24
		Total Power over Ethernet (PoE) budget	370 W
Ports & interfaces			
Basic switching RJ-45 Ethernet ports quantity *	24		
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)		

Ports & interfaces		Operational conditions	
SFP+ module slots quantity	4	Operating temperature (T-T)	0 - 50 °C
Fiber optic connector	SFP+	Storage temperature (T-T)	-40 - 70 °C
USB 2.0 ports quantity	1	Operating relative humidity (H-H)	10 - 90%
Power connector	AC-in jack	Storage relative humidity (H-H)	5 - 90%
Network		Heat dissipation	1550.92 BTU/h
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	Weight & dimensions	
		Width	440 mm
		Depth	430 mm
		Height	44 mm
		Weight	5.6 kg
10G support *	✓	Certificates	
Copper ethernet cabling technology	10BASE-T, 100BASE-T, 1000BASE-T	Certification	FCC Class A, CE Class A, VCCI Class A, IC, RCM, BSMI
Port mirroring	✓		
Flow control support	✓		
Link aggregation	✓		
Broadcast storm control	✓		
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		
Data transmission			
Switching capacity *	168 Gbit/s		
Forwarding rate	125 Mpps		
MAC address table *	16384 entries		
Number of queues	8		
Jumbo frames support	✓		
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	✓		
Security algorithms	SNMP, SNMPv3, SSH-2, SSL/TLS		
SSH/SSL support	✓		
Loop protection	✓		
BPDU filtering/protection	✓		
Authentication	Auto VLAN, MAC-based authentication, Port-based authentication		



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Publication date: 05-APR-2025. Prints or copies of Information are only valid on the printed Publication date