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

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

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	24
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)

Security

Password protection	✔
Queue scheduling algorithms	Deficit weighted round robin (DWRR), SP, WRR+SP, Weighted Round Robin (WRR)

Multicast features

Multicast support	✔
Multicast features	Controllable multicast

Protocols

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

SFP+ module slots quantity	4
Fiber optic connector	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 802.3af, IEEE 802.3ah, IEEE 802.3at, 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	✔
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

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	1550.92 BTU/h

Weight & dimensions

Width	440 mm
Depth	430 mm
Height	44 mm
Weight	5.6 kg

Certificates

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

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