

D-Link DGS-1210-28P/ME/E netwerk-switch Managed L2/L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U



Merk : D-Link

Artikelcode: DGS-1210-28P/ME/E

Productnaam : DGS-1210-28P/ME/E

D-Link DGS-1210-28P/ME/E. Switch type: Managed, Switch-laag: L2/L3. Type basis-switching RJ-45 Ethernet-poorten: Gigabit Ethernet (10/100/1000), Aantal basis-switching RJ-45 Ethernet-poorten: 24, Aantal geïnstalleerde SFP modules: 4, Console port: RJ-45. Full duplex. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 56 Gbit/s. Netwerkstandaard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE.... Power over Ethernet (PoE). Vormfactor: 1U



Beheerfuncties		Beveiliging	
Switch type *	Managed	Ondersteunde beveiligingsalgoritmen	EAP, SNMP, SNMPv2, SNMPv3
Switch-laag	L2/L3	SSH/SSL support	✓
Quality of Service (QoS)	✓	Bescherming lus	✓
Web-gebaseerd management	✓	BPDU filtering / bescherming	✓
Traffic-classificatie	✓	IP-MAC-Port binding	✓
ARP-inspectie	✓	Wachtwoordbeveiliging	✓
Locatie-instellingen (CLI) configureren	✓	Authenticatie type	AAA, RADIUS, TACACS+
System event log	✓	Algoritmen wachtrijplanning	Strict Priority Queue (SPQ), Weighted Round Robin (WRR)
	<ul style="list-style-type: none"> • RFC1212 Concise MIB Definitions • RFC1213 MIB II • RFC1215 MIB Traps Convention • RFC1065, 1151, 2578 MIB Structure • RFC1493 Bridge MIB • RFC1157, 2573, 2575, 2576 SNMP MIB • RFC3418 SNMPv2 MIB • RFC2819 RMON MIB • RFC2021 RMONv2 MIB • RFC1643, 1650, 2665 Ether-like MIB • RFC2674 802.1p MIB • RFC 2233 Interface Group MIB • RFC 2618 RADIUS authentication client MIB • RFC 2620 RADIUS accounting client MIB • RFC3289 D-Link Zone Defense MIB • RFC4022 MIB for TCP • RFC4113 MIB for UDP • PoE MIB • DDP MIB • LLDP-MED MIB 		
MIB-ondersteuning		Multicast-functies	
		Multicast-ondersteuning	✓
		Multicast-functies	Beheersbare multicast
		Aantal gefilterde multicast-groepen	256
		Multicast Listener Discovery (MLD) snooping	MLD v1, MLD v2
		Protocollen	
		GARP VLAN Registratieprotocol (GVRP)	✓
		IPv4- & IPv6-functies	Dual stack IPv4/IPv6, ICMPv6, IPv4/IPv6 access-control list (ACL), IPv6 Path MTU Discovery, IPv6 Telnet
Poorten & interfaces		Design	
Aantal basis-switching RJ-45 Ethernet-poorten *	24	Vormfactor	1U
Type basis-switching RJ-45 Ethernet-poorten *	Gigabit Ethernet (10/100/1000)	LED-indicatoren	Activiteit, Fan fail, Link, Stroom, Snelheid
Aantal geïnstalleerde SFP modules *	4	Aantal ventilatoren	2 ventilator(en)
Console port	RJ-45	Prestatie	
Netwerk		Type geheugen	DDR3-SDRAM
		Intern geheugen	256 MB
		Flash memory	32 MB
		Geluidsniveau	52,9 dB
		Fanloos	✗
		Mean time between failures (MTBF)	331669 uur
		Technische details	
		Certificaten van naleving	BSMI, CB, CCC, CE, Federal Communications Commission (FCC), Laagspanningsrichtlijn (LVD), VCCI
		Energie	
		Stroombron *	AC
		AC-ingangsspanning	100 - 240 V
		AC-ingangsfrequentie	50/60 Hz
		Ingangsspanning	100 - 240 V

Netwerk		Energie	
Spanning tree protocol	✓	Vermogensverbruik (max)	251,5 W
Ethernet LAN, data-overdrachtsnelheden	1000 Mbit/s	Stroomspanning bescherming	Overspanningsbeveiliging
Auto-negotiation	✓	Power over Ethernet (PoE)	
Active Link-detectie	✓	Power over Ethernet (PoE) *	✓
IPv4-routes	64	Hoeveelheid Power over Ethernet (PoE) ports	24
IPv6-routes	32	Totaal Power over Ethernet (PoE)-budget	193 W
VLAN=ondersteuning	✓	Eisen aan de omgeving	
Virtuele LAN-functies	MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN	Bedrijfstemperatuur (T-T)	-5 - 50 °C
Aantal VLANs	4094	Temperatuur bij opslag	-40 - 70 °C
Optische vezel		Relatieve vochtigheid in bedrijf (V-V)	10 - 90 procent
Fiber ethernet cabling technologie	1000BASE-X	Luchtvochtigheid bij opslag	0 - 95 procent
Data-uitwisseling		Warmtedissipatie	857,98 BTU/h
Switchingcapaciteit *	56 Gbit/s	Gewicht en omvang	
Verzending snelheid	41,7 Mpps	Breedte	440 mm
MAC-adrestabel *	16000 entries	Diepte	210 mm
Store-and-forward	✓	Hoogte	44 mm
Aantal wachtrijen	8	Gewicht	3,34 kg
Statische route	✓	Duurzaamheid	
Aantal statische routes	96	Naleving van duurzaamheid	✓
Aantal IP-interfaces	4	Duurzaamheidscertificaten	UL ECOLOGO
Packet buffergeheugen	1,5 MB		
Beveiliging			
DHCP-functies	DHCP client, DHCP relay, DHCP server, DHCP snooping		
Access Control List (ACL)	✓		
Regels voor toegangscontrolelijst (ACL)	256		
Toegangsbeheerlijst (ACL) inkomend	256		
IGMP snooping	✓		



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