

D-Link DGS-1210-28P/ME/E verkkokytkin Hallittu L2/L3 Gigabit Ethernet (10/100/1000) Power over Ethernet -tuki 1U



Tuotemerkki : D-Link

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

Tuotteen nimi : DGS-1210-28P/ME/E

D-Link DGS-1210-28P/ME/E. Kytkin tyyppi: Hallittu, Kytinkerros: L2/L3. Peruskäytettä RJ-45 Ethernet-porttien tyyppi: Gigabit Ethernet (10/100/1000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 24, Asennettujen SFP moduulien määrä: 4, Console-portti: RJ-45. Täysin kaksipuolinen. MAC-osoitetaulukko: 16000 entries, Kytkentäkapasiteetti: 56 Gbit/s. Verkkostandardit: 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 -tuki. Kotelo: 1U

Management features		Security	
Switch type *	Managed	Security algorithms	EAP, SNMP, SNMPv2, SNMPv3
Switch layer	L2/L3	SSH/SSL support	✓
Quality of Service (QoS) support	✓	Loop protection	✓
Web-based management	✓	BPDU filtering/protection	✓
Traffic classification	✓	IP-MAC-Port binding	✓
ARP inspection	✓	Password protection	✓
Configuring Location Settings (CLI)	✓	Authentication type	AAA, RADIUS, TACACS+
System event log	✓	Queue scheduling algorithms	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 support		Multicast features	
		Multicast support	✓
		Multicast features	Controllable multicast
		Number of multicast groups filtered	256
		Multicast Listener Discovery (MLD) snooping	MLD v1, MLD v2
		Protocols	
		GARP VLAN Registration Protocol (GVRP)	✓
		IPv4 & IPv6 features	Dual stack IPv4/IPv6, ICMPv6, IPv4/IPv6 access-control list (ACL), IPv6 Path MTU Discovery, IPv6 Telnet
Ports & interfaces		Design	
Basic switching RJ-45 Ethernet ports quantity *	24	Form factor	1U
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	LED indicators	Activity, Fan fail, Link, Power, Speed
Installed SFP modules quantity *	4	Number of fans	2 fan(s)
Console port	RJ-45	Performance	
Network		Memory type	DDR3-SDRAM
	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ah, IEEE 802.3at, IEEE 802.3az, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Internal memory	256 MB
Networking standards *		Flash memory	32 MB
		Noise level	52.9 dB
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	Fanless	✗
Cable types supported	Cat5, Cat5e	Mean time between failures (MTBF)	331669 h
Port mirroring	✓	Power	
Full duplex	✓	Power source *	AC
Half duplex	✓	AC input voltage	100 - 240 V
Flow control support	✓	AC input frequency	50/60 Hz
Link aggregation	✓	Input voltage	100 - 240 V
		Power consumption (max)	251.5 W
		Power protection features	Surge protection

Network		Power over Ethernet (PoE)	
Broadcast storm control	✓	Power over Ethernet (PoE) *	✓
Auto MDI/MDI-X	✓	Power over Ethernet (PoE) ports quantity	24
Spanning tree protocol	✓	Total Power over Ethernet (PoE) budget	193 W
Ethernet LAN data rates	1000 Mbit/s	Operational conditions	
Auto-negotiation	✓	Operating temperature (T-T)	-5 - 50 °C
Active link detection	✓	Storage temperature (T-T)	-40 - 70 °C
IPv4 routes	64	Operating relative humidity (H-H)	10 - 90%
IPv6 routes	32	Storage relative humidity (H-H)	0 - 95%
VLAN support	✓	Heat dissipation	857.98 BTU/h
Virtual LAN features	MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN	Weight & dimensions	
Number of VLANs	4094	Width	440 mm
Optical fiber		Depth	210 mm
Fiber ethernet cabling technology	1000BASE-X	Height	44 mm
Data transmission		Weight	3.34 kg
Switching capacity *	56 Gbit/s	Sustainability	
Forwarding rate	41.7 Mpps	Sustainability compliance	✓
MAC address table *	16000 entries	Sustainability certificates	UL ECOLOGO
Store-and-forward	✓	Certificates	
Number of queues	8	Compliance certificates	BSMI, CB, CCC, CE, Federal Communications Commission (FCC), Low Voltage Directive (LVD), VCCI
Static route	✓		
Number of static routes	96		
Number of IP interfaces	4		
Packet buffer memory	1.5 MB		
Security			
DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping		
Access Control List (ACL)	✓		
Access Control List (ACL) rules	256		
Access Control List (ACL) ingress	256		
IGMP snooping	✓		



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