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

Tuotemerkki : D-Link

Tuotekoodi: DGS-3130-54PS/SI



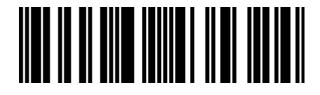
Tuotteen nimi : DGS-3130-54PS

D-Link DGS-3130-54PS. Kytkin tyyppi: Hallittu, Kytkinkerros: 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.... Virtaliitin: AC-in-liitin. Power over Ethernet -tuki. Telineasennus

Management featuresDesignSwitch type*ManagedLE baidicatorsI (a)Switch type*I aNumber of fansI (a)Quality of Service (0o5) supportI (a)SafetyCB, cUL, BSML, CCCWeb-based managementIPerformanceIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				
Switch layerL3Number of fans4 fan(s)Quality of Service (QoS) supportSafetyCB, cUL, BSMI, CCCWeb-based managementPerformanceARP inspectionPhysical stacking (units)9System event logVirtual stacking (units)32MB supportEFC 1213; RFC 4188; RFC 1157, 2571-2576; RFC 1907; RFC 1907; RFC 1398, 1643, 1650, 2358, 2565; RFC 2014 R0212; RFC 2143, RFC 4022; RFC 2012; RFC 2154; RFC 1007; RFC 2012; RFC 2154; RFC 1127; R	Management features		Design	
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Web-based managementPerformanceARP inspectionPhysical stacking (units)9System event logVirtual stacking (units)32System event logNoise level54.2 dBMiB support2371-2576; RFC 1907; RFC 1	Switch layer	L3	Number of fans	4 fan(s)
ARP inspection•Physical stacking (units)9System event log•Physical stacking (units)32System event log•Virtual stacking (units)32MIB supportFC 1213; RFC 4188; RFC 1157, 2571-2576; RFC 1907; RFC 1757, 2571-2576; RFC 1907; RFC 1757, 2571-2576; RFC 2674, 4363; RFC 1215; RFC	Quality of Service (QoS) support	<i>✓</i>	Safety	CB, cUL, BSMI, CCC
System event logSystem event log32System event logStacking (units)32RFC 1213; RFC 148; RFC 1157, 2571-2576; RFC 1097; RFC 1757, 2589, 2665; RFC 2674 802.19, 1650, 2358, 2665; RFC 2674 802.19, 2602; RFC 2027, RFC 2198, RFC 2620; RFC 2027, RFC 2197, RFC 1212;	Web-based management	 Image: A set of the set of the	Performance	
Noise level 54.2 dB 2571-2576; RFC 1907; RFC 1507; 2573-2576; RFC 2007; RFC 1398; 1643, 1650, 2358, 2665; RFC 2674 802.1p 2233, 2663 IF MIB; RFC 2018; RFC Teinet ✓ MIB support 2233, 2663 IF MIB; RFC 2018; RFC 2233, 2663 IF MIB; RFC 2018; RFC 2020; RFC 2325; RFC 2674, 4363; RFC 1005, 1066, 1155, 1156, 2574; RFC 1157, 2571-2576; RFC 4022; RFC 4113; RFC 4293; RFC 2737 Flow ✓ Potes & interfaces RFC 1015; RFC 1215; RFC 1215; RFC 1215; RFC 1212; RFC 1215; RFC 1212; RFC 1215; RFC 1215; RFC 1212; RFC 1215; RFC 4022; RFC 4113; RFC 4293; RFC 2737 Redundant power supply (RPS) support ✓ Basic switching RJ-45 Ethernet ports quantity* 48 Conput troquency 50 - 60 Hz Basic switching RJ-45 Ethernet ports quantity 48 Power over Ethernet (PoE)* ✓ SFP+ module slots quantity 4 Power over Ethernet (PoE)* ✓ SFP+ module slots quantity 1 Power over Ethernet (PoE)* ✓ VSB 2.0 ports quantity 1 Power over Ethernet (PoE)* ✓ Power connector RC4: Injack Power over Ethernet (PoE)* ✓ Network REEE 802: 10, IEEE	ARP inspection	 Image: A set of the set of the	Physical stacking (units)	9
SeparateSeparateSeparateSeparateMB supportSeparateSeparateSeparateSupportSeparateSeparate	System event log	1	Virtual stacking (units)	32
Reference Performance Performance MIB support 2819; RFC 2021; RFC 1208, RFC 2674, 8031, 1650, 2358, 2665; RFC 2674, 4363; RFC 1065, 1066, 1155, 1156, 2537, RFC 1202;			Noise level	54.2 dB
NBB supportSFlow ParticipationImplementAUB support233, 2863 IF MIB; RFC 2614, 802.1 2620; RFC 2025; RFC 2674, 4363.2 RFC 1055, 1156, 1155, 1156, 2578 RFC 1212; RFC 121; RFC 12		2819; RFC 2021; RFC 1398, 1643, 1650, 2358, 2665; RFC 2674 802.1p 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;	Telnet	1
Mile Support2620; RFC 2925; RFC 2674, 4363; RFC 1055, 1056, 1515, 1156, 2578; RFC 1055, 1056, 1515, 1156, 2578; RFC 1157, 2571-2576; RFC 4022; RFC 4113; RFC 4293; RFC 2737PowerPorts & interfacesRedundant power supply (RPS) supportConsumption (max)100 - 240 VBasic switching RJ-45 Ethernet ports quantity*48Power consumption (max)100 - 240 VBasic switching RJ-45 Ethernet ports quantity*Gigabit Ethernet (10/100/1000)Power consumption (max)487.26 WSFP+ module slots quantity4Power over Ethernet (PoE)*Fiber optic connectorSFP+Total Power over Ethernet (PoE)USB 2.0 ports quantity1Total Power over Ethernet (PoE)Power connectorSFP+Total Power over Ethernet (PoE)Networking standards*IEEE 802.10, IEEE 802.10, IEE			sFlow	1
RFC 1065, 1066, 1155, 1156, 2578, RFC 1122; RFC 1212; RFC 1212; RFC 1213; RFC 1157, 2571-2576, RFC 4029; RFC 413; RFC 4293; RFC 2737PowerPorts & interfacesAC input voltage100 - 240 VBasic switching RJ-45 Ethernet ports quantity*48AC input voltage100 - 240 VBasic switching RJ-45 Ethernet ports type*Gigabit Ethernet (10/100/1000)Power consumption (max)487.26 WSFP+ module slots quantity4Power over Ethernet (PoE)*SFP+ module slots quantity4Power over Ethernet (PoE)*SFP+ module slots quantity10Power over Ethernet (PoE)*SFP+ module slots quantity81-45Power over Ethernet (PoE)*USB 2.0 ports quantity1Power over Ethernet (PoE)*Power connectorRI-45Total Power over Ethernet (PoE)*Power connectorRI-45Douget370 WPower connectorRI-502.10, IEEE 802.10, IEEEVio ports2 x 10GBASE-TNetworking standards**IEEE 802.10, IEEE 802.10, IEEE 802.10, IEEEOperating reparture (T-T)0 - 50 °CStorage temperature (T-T)0.50 °CStorage temperature (T-T)	MIB support		Mean time between failures (MTBF)	356876 h
RFC 1157, 2571-2576; RFC 4022; RFC 4113; RFC 4293; RFC 2737Redundant power supply (RPS) supportPorts & interfacesAC input voltage100 - 240 VBasic switching RJ-45 Ethernet ports quantity*48Power consumption (max)487.26 WBasic switching RJ-45 Ethernet port type*Gigabit Ethernet (10/100/1000)Power over Ethernet (PoE)SFP+ module slots quantity4Power over Ethernet (PoE)*Fiber optic connectorSFP+Power over Ethernet plus (PoE+) ports quantity48Network11Total Power over Ethernet (PoE)370 WVDever connectorAC-in jackOther featuresNetworking standards *IEEE 802.10, IEEE 802.10, IEEE 802.11,			Power	
Ports & interfacesAC input frequency50 - 60 HzBasic switching RJ-45 Ethernet ports quantity *48Power consumption (max)487.26 WBasic switching RJ-45 Ethernet ports type *Gigabit Ethernet (10/100/1000)Power consumption (max)487.26 WSFP+ module slots quantity4Power over Ethernet (PoE) *Fiber optic connectorSFP+Power over Ethernet plus (PoE+) ports quantity488Console portRJ-45Total Power over Ethernet (PoE)370 WUSB 2.0 ports quantity1budget370 WPower connectorAC-in jackOther featuresNetworkIEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1v, IEEE 802.1x, IE				1
AC input frequency50 - 60 HzBasic switching RJ-45 Ethernet ports quantity*48Power consumption (max)487.26 WBasic switching RJ-45 Ethernet ports type*Gigabit Ethernet (10/100/1000)Power over Ethernet (PoE)*SFP+ module slots quantity4Power over Ethernet plus (PoE)**Fiber optic connectorSFP+Power over Ethernet plus (PoE)+48Console portRJ-45Total Power over Ethernet (PoE)370 WUSB 2.0 ports quantity1Total Power over Ethernet (PoE)370 WPower connectorAC-in jackOther featuresNetworkIEEE 802.1D, IEEE 802.1Q, IEEE 802.1Q, IEEE 802.1Y, IEEE	Ports & interfaces		AC input voltage	100 - 240 V
quantity*Reference (10/100/1000)Power over Ethernet (PoE)Basic switching RJ-45 Ethernet ports type *Gigabit Ethernet (10/100/1000)Power over Ethernet (PoE)*SFP+ module slots quantity4Power over Ethernet (PoE)*Fiber optic connectorSFP+Power over Ethernet plus (PoE+) ports quantity48Console portRJ-45Total Power over Ethernet (PoE) budget370 WUSB 2.0 ports quantity1Deter featuresPower connectorAC-in jackOther featuresNetworkIEEE 802.1D, IEEE 802.1Q, IEEE 802.1V, IEEE 802.			AC input frequency	50 - 60 Hz
type *Gigabit Ethernet (10/100/1000)Power over Ethernet (PoE) *SFP+ module slots quantity4Power over Ethernet (PoE) *48Fiber optic connectorSFP+Power over Ethernet plus (PoE+) ports quantity48Console portRJ-45Total Power over Ethernet (PoE)370 WUSB 2.0 ports quantity1budget0ther featuresPower connectorAC-in jackOther features2 x 10GBASE-TNetworkIEEE 802.1D, IEEE 802.1Q, IEEE 802.1V, IEEE 802.1y, IEEE 802.1x, IEEE 802.3at, IEEE 80	quantity *	48	Power consumption (max)	487.26 W
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Fiber optic connectorSFP+Power over Ethernet plus (PoE+) ports quantity48Console portRJ-45Total Power over Ethernet (PoE) budget370 WUSB 2.0 ports quantity1Other featuresPower connectorAC-in jackOther featuresNetworkIEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.1x, IEEE 802.1v, IEEE 802.1x, IEEE 802.1x, IEEE 802.1v, IEEE 802.3ad, IEEE 802.3ad, IEEE 802.3ad, IEEE 802.3ad, IEEE 802.3ad,		4	· · ·	1
Console portRJ-45Total Power over Ethernet (PoE) budget370 WUSB 2.0 ports quantity1Dudget370 WPower connectorAC-in jackOther featuresNetworkI/O ports2 x 10GBASE-TNetworkIEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1s, IEEE 802.1x, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3at, IEEE 802.3at, I		SFP+		48
USB 2.0 ports quantity 1 budget 370 W Power connector AC-in jack Other features Network I/O ports 2 x 10GBASE-T Networks IEEE 802.1D, IEEE 802.1Q, IEEE 802.1v, IEEE 802.1v, IEEE 802.1v, IEEE 802.1v, IEEE 802.1v, IEEE 802.1x, IEEE 802.1x, IEEE 802.1x, IEEE 802.3ad, IE	Console port	RJ-45		270.11
Network IEEE 802.1D, IEEE 802.1Q, IEEE 802.1V, IEEE 802.1V, IEEE 802.1x, IEEE 802.1x, IEEE 802.1x, IEEE 802.1x, IEEE 802.1x, IEEE 802.3ad,	USB 2.0 ports quantity	1	. ,	370 W
Networking standards * IEEE 802.1D, IEEE 802.1Q, IEEE 802.1V, IEEE 802.3ad,	Power connector	AC-in jack	Other features	
Networking standards * 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1v, IEEE 802.1v, IEEE 802.1x, IEEE 802.3ad,	Network		I/O ports	2 x 10GBASE-T
Networking standards * IEEE 802.1w, IEEE 802.1x, IEEE 802.1x, IEEE 802.3ad, IEEE 8	Networking standards *	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	Operational conditions	
802.3a0, IEEE 802.3a1, IEEE Storage temperature (T-T) -40 - 70 °C 802.3ah, IEEE 802.3at, IEEE Operating relative humidity (H-H) 10 - 90% 802.3az, IEEE 802.3x Storage relative humidity (H-H) 5 - 90%			Operating temperature (T-T)	0 - 50 °C
802.3az, IEEE 802.3x Operating relative humidity (H-H) 10 - 90%	Networking standards		Storage temperature (T-T)	-40 - 70 °C
10C support * Storage relative humidity (H-H) 5 - 90%			Operating relative humidity (H-H)	10 - 90%
	10G support *	1	Storage relative humidity (H-H)	
Copper ethernet cabling technology 10BASE-T, 10GBASE-T, 100BASE-TX, 100BASE-TX	Copper ethernet cabling technology			1662.6 BTU/h
Port mirroring	Port mirroring		-	440
	-			
Flow control support Image: Control support Image: Control support Image: Control support Image: Control support Link aggregation Image: Control support Image: Control support Image: Control support Image: Control support Link aggregation Image: Control support Image: Control support Image: Control support Image: Control support				
Broadcast storm control Weight 5.14 kg		-	5	
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Network		Packaging data	
Spanning tree protocol	✓	Package width	450 mm
Head-of-line (HOL) blocking	1	Package depth	595 mm
VLAN support	1	Package height	118 mm
	Private VLAN, Voice VLAN, Tagged VLAN, MAC address-based VLAN, Port-based VLAN 4000	Package weight	6.88 kg
Virtual LAN features		Technical details	
Number of VLANs		Shipping (inner) case height	62 cm 38 cm
Data transmission		Shipping (inner) case width Shipping (inner) case length	46.5 cm
Switching capacity *	216 Gbit/s	Shipping (inner) case net weight	22.8 kg
Forwarding rate	161 Mpps	Products per shipping (inner) case	3 pc(s)
MAC address table *	16384 entries	Pallet gross weight (air)	297.4 kg
Number of queues	8	Master (outer) cases per pallet (air)	12 pc(s)
Jumbo frames support	1	Products per pallet (air)	36 pc(s)
Packet buffer memory	4 MB	Pallet gross length	110 cm
Security		Pallet gross width	120 cm
-	DHCP server, DHCP snooping, DHCP	Pallet height (air)	137.5 cm
DHCP features	relay, DHCP client	Pallet gross weight (sea)	437.2 kg
Access Control List (ACL)	✓	Master (outer) cases per pallet (sea)	
Access Control List (ACL) egress	512	Products per pallet (sea)	54 pc(s)
Access Control List (ACL) ingress	2048	Pallet height (sea)	199.5 cm
IGMP snooping	1	Shipping (inner) case gross weight	23.3 kg
Security algorithms	SNMP, SNMPv3, SSH-2, SSL/TLS	Certificates	
SSH/SSL support	<i>✓</i>	Certification	FCC A, CE A, VCCI A, IC, RCM, BSMI, CCC
Loop protection	1		
BPDU filtering/protection	1	Logistics data	
Authentication	MAC-based authentication, Port- based authentication, Web-based authentication	Harmonized System (HS) code	85176990
Root protection	1		
Password protection	1		
DoS attack prevention	 Image: A second s		
Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)		
Multicast features			
Multicast support	✓		
Multicast features	Controllable multicast		
Protocols			
GARP VLAN Registration Protocol (GVRP)	1		
Virtual Router Redundancy Protocol (VRRP)	1		
Routing protocols	RIP		
Design			
Rack mounting *	✓		
Stackable *	1		

Product colour Black, Grey





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