



## D-Link xStack DGS-3120-24TC - Switch

Managed - 20 x 10/100/1000 + 4 x combo SFP - desktop

Group	Network Equipment
Manufacturer	D-Link
Manufacturer item no.	DGS-3120-24TC/SI
EAN/UPC	0790069342035

### Description

The DGS-3120 xStack Series switches are enhanced L2 access stackable switches designed to connect end-users in a secure SMB or enterprise network. These switches support physical stacking, multicast, and enhanced security, making them an ideal Gigabit access layer solution.

### Main features

Product Description	D-Link xStack DGS-3120-24TC - switch - 24 ports - Managed
Device Type	Switch - 24 ports - Managed - stackable
Subtype	Gigabit Ethernet
Ports	20 x 10/100/1000 + 4 x combo SFP
Performance	Switching capacity: 88 Gbps   Forwarding performance (64-byte packet size): 65.48 Mpps
Capacity	ACL rules: 1500   QoS hardware queues: 8
MAC Address Table Size	16K entries
Jumbo Frame Support	13000 bytes
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS, SSH-2, CLI
Features	Flow control, Layer 2 switching, DHCP support, BOOTP support, ARP support, VLAN support, IGMP snooping, port mirroring, DiffServ support, Weighted Round Robin (WRR) queuing, Broadcast Storm Control, IPv6 support, Multicast Storm Control, STNP support, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, Access Control List (ACL) support, Quality of Service (QoS), Jumbo Frames support, DHCP server, MLD snooping, Safeguard Engine, Network Access Protection (NAP), D-Link Green Technology
Compliant Standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE



	802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.3ah, IEEE 802.1v, IEEE 802.1ag
Power	AC 120/230 V (50 - 60 Hz)
Dimensions (WxDxH)	44 cm x 21 cm x 4.4 cm

## Extended details

<b>General</b>	
Device Type	Switch - 24 ports - Managed - stackable
Enclosure Type	Desktop
Subtype	Gigabit Ethernet
Ports	20 x 10/100/1000 + 4 x combo SFP
Performance	Switching capacity: 88 Gbps   Forwarding performance (64-byte packet size): 65.48 Mpps
Capacity	ACL rules: 1500   QoS hardware queues: 8
MAC Address Table Size	16K entries
Jumbo Frame Support	13000 bytes
Max Units In A Stack	32
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS, SSH-2, CLI
Encryption Algorithm	SSL, SSL 3.0, SSL 2.0
Authentication Method	RADIUS, TACACS+, Secure Shell v.2 (SSH2)
Features	Flow control, Layer 2 switching, DHCP support, BOOTP support, ARP support, VLAN support, IGMP snooping, port mirroring, DiffServ support, Weighted Round Robin (WRR) queuing, Broadcast Storm Control, IPv6 support, Multicast Storm Control, STP support, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, Access Control List (ACL) support, Quality of Service (QoS), Jumbo Frames support, DHCP server, MLD snooping, Safeguard Engine, Network Access Protection (NAP), D-Link Green Technology
Compliant Standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.3ah, IEEE 802.1v, IEEE 802.1ag
Flash Memory	32 MB
<b>Expansion / Connectivity</b>	
Interfaces	1 x network stack device x 2   24 x 10Base-T/100Base-TX/1000Base-T - RJ-45   1 x console - RJ-45 management   4 x SFP (mini-GBIC)
Expansion Slots	1 (total) / 1 (free) x SD Memory Card
<b>Power</b>	
Power Device	Internal power supply
Voltage Required	AC 120/230 V (50 - 60 Hz)
Power Consumption Operational	39.5 Watt
Features	Redundant Power System (RPS) connector
<b>Miscellaneous</b>	



Cables Included	1 x console cable
Rack Mounting Kit	Included
Compliant Standards	FCC Class A certified, C-Tick, cUL, VCCI Class A ITE, CB, IC, RoHS
<b>Software / System Requirements</b>	
Software Included	Standard Image (SI) Software
<b>Dimensions &amp; Weight</b>	
Width	44 cm
Depth	21 cm
Height	4.4 cm
<b>Environmental Parameters</b>	
Min Operating Temperature	0 °C
Max Operating Temperature	50 °C
Humidity Range Operating	5 - 95% (non-condensing)
Min Storage Temperature	-40 °C
Max Storage Temperature	70 °C

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