

D-Link DGS 1100 24P



D-Link

Comply with RoHS 6	Yes
Energy Efficiency Ethernet (EEE)	Yes
Power Saving By Link Status	Yes
Power Saving By LED Shut-Off	Yes
Power Saving By Port Shut-Off	Yes
Power Saving By System Hibernation	Yes
Time-based PoE	Yes
PoE Budget	100 W (30 W max. per PoE port)
Maximum PoE Budget	100W
MAC Address Table Size	8K
802.3x Flow Control	Yes
Head-of-line (HOL) Blocking Prevention	Yes
802.1D Spanning Tree (STP)	Yes
802.1w Rapid Spanning Tree (RSTP)	Yes
802.1AX Link Aggregation	Yes
802.3ad Link Aggregation	Yes

Link Aggregation Group Per Device	12
Max Port Per Link Aggregation Group	8
Port Mirroring	Yes
Jumbo Frame	9216 bytes
Loopback Detection (LBD)	Yes
IGMP Snooping	Yes
Max IGMP Snooping Groups	64
802.1Q VLAN	Yes
VLAN Groups	128
Port-based VLAN	Yes
Voice VLAN	Yes
Auto Surveillance VLAN	Yes
Asymmetric VLAN	Yes
Number of Queue	4
Class of Service (CoS)	Yes
Two Rate Three Color Marker (trTCM)	Yes
Rate Limiting	Yes
Surge/Lightning Protection (AC Power Inet)	2kV
Surge/Lightning Protection (All Ethernet Ports)	1Kv
10/100/1000BASE-T ports	12

1000Base-T Interface	12
1000Base-T PoE Interface	12
Auto MDI/MDIX	Yes
10/100/1000BASE-T PoE ports	12
Switch Capacity	48 Gbps
Max. Packet Forwarding Rate	35.71 Mpps
Store & Forwarding Forwarding	Yes
Dimension	280x 230x 44mm
Weight	2.15 Kg
Operation Temperature	-5-50°C
Storage Temperature	-40-70°C
Operation Humidity	0%-95% RH
Storage Humidity	0% ~ 95% RH
Operating Altitude	2000 m
Maximum Power Consumption	128.3 W (PoE on) 21.24 W (PoE off)
Standby Power Consumption	12.94 Watts
Maximum Heat Dissipation	437.85 BTU/hr
Acoustic	27.6 dB(A)
MTBF	563,292 hours
Power Input	AC: 100-240V
CPU Speed	125MHz
DRAM Size	128KBytes

Flash Memory Size	8MBytes
Packet Buffer Size	512KBytes
FAN	Yes
Queue Handling	Yes
Strict Priority Queue (SPQ)	Yes
Weighted Round Robin (WRR)	Yes
Port-based Bandwidth Control	Yes
SSL	Yes
Broadcast/Multicast/Unicast Storm Control	Yes
Traffic Segmentation	Yes
D-Link Safeguard Engine	Yes
DoS Attack Prevention	Yes
Cable Diagnostics	Yes
Simple Network Time Protocol (SNTP)	Yes
Web-based GUI	Yes
SNMP	Yes
SNMP Trap	Yes
TFTP Client	Yes
System Log	Yes
LLDP	Yes

D-Link Discover Protocol (DDP)

Yes (v0.25)

DHCP/BootP Client

Yes

Dual Images

Yes

Ping

Yes

D-Link Network Assistant

Yes

Smart Wizard

Yes