D-Link

D-Link DIS-200G-12PSW network switch Managed L2 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Brand : D-Link

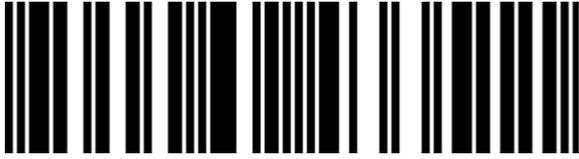**Product code:** DIS-200G-12PSW

Product name : DIS-200G-12PSW

- 8 x 10/100/1000BASE-T PoE ports
- 2 x 10/100/1000BASE-T ports
- 2 x SFP ports
- 1 x RJ-45 Console port
- Wide operating temperature: -40 to 75 °C (-40 to 167 °F)
- Robust industry-standard enclosure
- ERPS for quick failover recovery
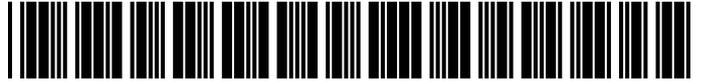- High EMC endurance
- Built-in 6 kV surge protection

2x 1000Base-T, 8x 1000Base-T PoE, 2x 1000M SFP, 260 W PoE, 210 x 171.2 x 53 mm, 1760 g
D-Link DIS-200G-12PSW. Switch type: Managed, Switch layer: L2. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 10, Installed SFP modules quantity: 2, Console port: RJ-45. Full duplex. MAC address table: 8000 entries, Switching capacity: 24 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE.... DC input voltage: 46 - 54 V. Power over Ethernet (PoE). Wall mountable, Rack mounting

Management features

Switch type *	Managed
Switch layer	L2
Quality of Service (QoS) support	✔
Web-based management	✔
Configuring Location Settings (CLI)	✔
System event log	✔

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	10
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
Gigabit Ethernet (copper) ports quantity	10
Installed SFP modules quantity *	2
Console port	RJ-45

Network

Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support *	✘
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T
Port mirroring	✔
Full duplex	✔
Flow control support	✔
Link aggregation	✔
Broadcast storm control	✔
Auto MDI/MDI-X	✔

Security

Queue scheduling algorithms	SPQ, Weighted Round Robin (WRR)

Multicast features

Multicast support	✔

Protocols

Management protocols	SNMP v1/v2c/v3, SNTP, Telnet

Design

Rack mounting *	✔
Stackable *	✘
Product colour	Black
Housing material	Metal
LED indicators	✔
International Protection (IP) code	IP30
Wall mountable	✔
DIN rail mounting	✔

Performance

Mean time between failures (MTBF)	156452 h

Power

Power source *	PoE
DC input voltage	46 - 54 V
Power consumption (typical)	7.02 W

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✔
Power over Ethernet (PoE) ports quantity	8
Power over Ethernet (PoE) voltage	260 V
Total Power over Ethernet (PoE) budget	240 W

Operational conditions

Operating temperature (T-T)	-40 - 75 °C

Network

Spanning tree protocol	✔
Active link detection	✔
VLAN support	✔
Virtual LAN features	Port-based VLAN, Tagged VLAN, Voice VLAN

Optical fiber

Fiber ethernet cabling technology	1000BASE-X

Data transmission

Switching capacity *	24 Gbit/s
Forwarding rate	17.856 Mpps
MAC address table *	8000 entries
Store-and-forward	✔
Jumbo frames support	✔
Jumbo frames	9600

Security

DHCP features	DHCP client
IGMP snooping	✔
Security algorithms	802.1x RADIUS, SSL/TLS
Authentication	Port-based authentication
Authentication type	RADIUS

Operational conditions

Storage temperature (T-T)	-40 - 85 °C
Operating relative humidity (H-H)	0 - 95%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	0 - 2000 m
Heat dissipation	887.16 BTU/h

Weight & dimensions

Width	171.2 mm
Depth	53 mm
Height	210 mm
Weight	1.76 kg

Certificates

Certification	CE, FCC, BSMI EN 61000-4-2 ESD EN 61000-4-3 RS EN 61000-4-4 EFT EN 61000-4-5 EN 61000-4-6 CS EN 61000-4-8 IEC 60068-2-27 IEC 60068-2-32 IEC 60068-2-6

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