

D-Link DIS-200G-12PS PoE switch



LAN (1Gb/s): 10 port, SFP: 2db, menedzselhető

Cikkszám: DIS-200G-12PS

Ár:

263 040 Ft

Garancia: 5 Év

General features:

Hardware Version

- A1

Number of Ports

- 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
- Alarm Relay: 1 A at 24 V

Diagnostic LEDs

- SYS
- ALM
- PWR1/2/3
- Link/Activity/Speed
- PoE status
- PoE budget

Port Functions

- IEEE 802.3 for Ethernet
- IEEE 802.3u for Fast Ethernet
- IEEE 802.3ab for Gigabit Ethernet
- IEEE 802.3z for Gigabit fiber
- IEEE 802.3az-compliant

Media Interface Exchange

- Auto-MDI/MDIX adjustment for all twisted pair ports

Switching Capacity

- 24 Gbps

Maximum Forwarding Rate

- 17.85 Mpps

MAC Address Table Size

- Up to 8K entries

Transmission Method

- Store-and-forward

PoE Standard

- IEEE 802.3af/at

PoE Capable Ports

- Ports 1 to 8

PoE Power Budget

- 130 W

Software Features

VLAN

- IEEE 802.1Q tagged VLAN
- Port-based VLAN
- Auto-Surveillance VLAN 2.0 (ASV 2.0)*
- Voice VLAN
- Asymmetric VLAN
- VLAN group
 - Supports 128 static VLAN groups
 - Max. 4094 VIDs
- GVRP*

L2 Features

- Flow Control
 - IEEE 802.3x Flow Control
 - HDL Blocking Prevention
- Jumbo frames up to 9216 bytes
- IGMP Snooping
 - IGMP v1/v2
 - IGMP v3*
 - Supports up to 64 groups
 - IGMP Snooping Querier
- MLD Snooping
 - MLD v1
 - MLD v2*
 - Supports up to 64 groups
 - MLD Snooping Querier
- IEEE 802.3ad Link Aggregation
 - Supports 6 groups per device, 8 ports per group
- Ethernet Ring Protection Switching* (ERPS, ITU-T G.8032)
- Loopback detection
- LLDP
- Port mirroring
 - One-to-One
 - Many-to-One
- Statistics
 - Tx Ok
 - Tx Error
 - Rx Ok
 - Rx Error
- Spanning Tree Protocol (STP)
 - IEEE 802.1D STP
 - IEEE 802.1w RSTP
 - IEEE 802.1s MSTP*

Quality of Service (QoS)

- IEEE 802.1p Quality of Service (QoS)
- 4 queues per port
- Queue handling
 - Strict Priority Queue (SPQ)
 - Weighted Round Robin (WRR)

- Port-based bandwidth control (ingress: 8 kbps)

Security

- D-Link Safeguard
- Traffic segmentation
- Broadcast/Multicast/Unknown Unicast Storm Control
- DoS attack prevention
- SSL
- Port security

AAA

- Web-based access control*
- IEEE 802.1X authentication*
- RADIUS*

Management

- Web-based UI (supports IPv4/IPv6)
- D-Link Network Assistant (DNA)
- Industry-standard CLI
- SNMP
- SNMP v1/v2c
- SNMP v3*
- SNMP trap
- Telnet server
- System Log
- DHCP client
- TFTP client
- LLDP
- D-Link Discovery Protocol (DDP)
- Dual images
- Dual configurations

OAM

- Cable diagnostics
- Dying Gasp*
- Optical transceiver Digital Diagnostics Monitoring (DDM)*

Green Technology

- Power saving by:
 - Link status detection
 - LED shut-off
 - Port shut-off
 - System hibernation

MIB/RFC Standards

- RFC768 UDP
- RFC791 IP
- RFC792 ICMP
- RFC793 TCP
- RFC826 ARP
- RFC1213 MIB II
- RFC1493 Bridage MIB
- RFC1907 SNMPv2 MIB
- RFC2668 802.3 MAU MIB
- RFC4133 Entity MIB
- RFC4363 IEEE 802.1p MIB
- ZoneDefense MIB
- Private MIB

Physical Parameters

Power Input

- 46 to 54 V DC terminal block dual input
- 54 V DC 4-pin DIN single power input

Power Consumption

- Standby mode: 7.02 W
- Maximum: 260 W (PoE on) / 10.8 W (PoE off)

Heat Dissipation

- 887.16 BTU/h (PoE on) / 36.85 BTU/h (PoE off)

MTBF

- 205,689 hours

Weight

- 2.5 kg

Dimensions

- 210 x 171.2 x 48 mm

Ventilation

- Fanless

Temperature

- Operating: -40° to 65°C
- Storage: -40° to 85°C

Humidity

- Operating: 0% to 95% non-condensing
- Storage: 0% to 95% non-condensing

Material

- IP30-rated metal casing

Installation

- DIN rail/wall/rack mountable

Certifications

- CE, FCC, BSMI

Safety

- UL60950-1

EMI

- CISPR 22, FCC Part 15B Class A

EMS

- 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 Standards

- IEC 60068-2-27 Shock
- IEC 60068-2-32 Freefall
- IEC 60068-2-6 Vibration

