

Product Highlights

Gigabit Ethernet Speed

High-speed ports provide the latest Ethernet technology while retaining backward compatibility for connections to older computers and equipment

Revolutionary Energy Efficiency

Innovative D-Link Green features help conserve energy without sacrificing performance so you can reduce operating costs and protect the environment

Smart and Flexible Management

Powerful switch management functions can be performed through the web management interface or through the client-based utility



DGS-1100 (V2) Series

Gigabit Smart Managed Switches

Features

Physical

- Available in multiple configurations, with or without PoE and fibre support
- Fanless design for silent operation¹

Green Technology

- Link status detection
- IEEE 802.3az Energy-Efficient Ethernet compliant
- Time-based PoE (PoE models excluding DGS-1100-08PV2)

Advanced Features

- IGMP Snooping
- Bandwidth Control
- IEEE 802.1Q VLAN traffic segregation
- Port-based VLAN
- IEEE 802.1p Quality of Service
- Surveillance VLAN
- Voice VLAN

Management Features

- Client-based utility or web-based GUI
- Built-in SNMP MIB²

The DGS-1100 (V2) Series is a range of highly affordable smart-managed switches designed to meet the requirements of small, medium, and enterprise businesses. Advanced management features, bandwidth management, PoE option, diagnostic and troubleshooting tools, and energy-efficient technologies provide a flexible solution to meet your networking requirements.

The DGS-1100 (V2) Series is equipped with advanced security features such as Static MAC, Storm Control, and IGMP Snooping to help businesses protect their network. The switches are also ideal for IP surveillance deployment with the Surveillance VLAN support that gives high priority surveillance traffic to mitigate disruption and guarantee the quality of video recording.

The free-to-download D-Link Network Assistant¹ makes initial setup quick and easy by discovering all D-Link smart-managed switches within the same Layer 2 network. It allows you to resolve IP conflicts, batch configure and update multiple switches. The web-based configuration enables network administrators to manage the switch down to the port level.

D-Link Assist

Next Business Day Service

Your network is the backbone of your business. Keeping it running is essential, even if the unexpected happens. D-Link Assist is a rapid-response technical support service that replaces faulty equipment quickly and efficiently. Maximising your uptime and giving you the confidence that instant support is only a phone call away.

All D-Link products with 5-year or Limited Lifetime warranty come with complimentary Next Business Day Service. D-Link will send out a replacement product to you on the next business day after acceptance of a product failure. On receipt of the replacement product, you simply arrange the return of the defective product to us. Any products with a 2-year/3-year warranty can also benefit from the Next Business Day advance replacement service when the optional 3-year warranty extension has been purchased.

Find out more at eu.dlink.com/services

| Technical Specifications | | | | |
|---------------------------|---|---|---|---|
| General | DGS-1100-05V2 | DGS-1100-05PDV2 | DGS-1100-08V2 | DGS-1100-08PV2 |
| Size | • Desktop | | | |
| Number of Ports | • 5 x 10/100/1000 Mbps | • 2 x 10/100/1000 Mbps (PoE) • 3 x 10/100/1000 Mbps | • 8 x 10/100/1000 Mbps | • 8 x 10/100/1000 Mbps (PoE) |
| Port Functions | <ul style="list-style-type: none"> • IEEE 802.3 for Ethernet • IEEE 802.3u for Fast Ethernet • IEEE 802.3ab for Gigabit Ethernet • IEEE 802.3af (for DGS-1100-05PD) • IEEE 802.3at (for DGS-1100-08P) • Auto-negotiation • Supports half/full-duplex operation (half at 10/100 Mbps, full at 1000 Mbps) • Auto MDI/MDIX • IEEE 802.3x Flow Control supports full-duplex mode • IEEE 802.3az compliant | | | |
| Performance | | | | |
| Switching Capacity | • 10 Gbps | • 10 Gbps | • 16 Gbps | • 16 Gbps |
| Maximum Forwarding Rate | • 7.44 Mpps | • 7.44 Mpps | • 11.9 Mpps | • 11.9 Mpps |
| MAC Address Table Size | • 2K entries | • 2K entries | • 4K entries | • 4K entries |
| Packet Buffer | • 1 Mbits | • 1 Mbits | • 1.5 Mbits | • 1.5 Mbits |
| Flash Memory | • 2 Mbytes | | | |
| PoE | | | | |
| PoE Standard | - | • IEEE 802.3af | - | • IEEE 802.3af/802.3at |
| PoE Capable Ports | - | • Ports 1 to 2 | - | • Ports 1 to 8 |
| PoE Power Budget | - | • PoE Passthrough: • 18 W with 802.3at input • 8 W with 802.3af input | - | • 64 W • 30W per PoE port max |
| Power Consumption | | | | |
| Standby Mode | • 1.39 W | • 1.728 W | • 1.93 W | • 2.0 W |
| Maximum Power Consumption | • 3.42 W | • 24.08 W (PoE on) • 3.24 W (PoE off) | • 4.94 W | • 77.9 W (PoE on) • 4.6 W (PoE off) |
| Physical | | | | |
| Power Input | • 100 to 240 V AC, 50 to 60 Hz external power adapter | • 802.3af/at PoE power only via PD port 5 • No power supply | • 100 to 240 V AC, 50 to 60 Hz external power adapter | • 100 to 240 V AC, 50 to 60 Hz external power adapter |
| MTBF | • 1,562,055 hours | • 2,357,475 hours | • 1,456,992 hours | • 786,841 hours |
| Acoustics | • 0 dB(A) | | | |
| Heat Dissipation | • 11.67 BTU/hr | • N/A | • 16.85 BTU/hr | • 265.85 BTU/hr |
| Weight | • 0.23 kg | • 0.38 kg | • 0.34 kg | • 0.43 kg |
| Dimensions | • 100.5 x 82 x 28 mm | • 150 x 97 x 28 mm | • 145 x 82 x 28 mm | • 171 x 97.8 x 28.6 mm |
| Ventilation | • Fanless | | | |
| Operating Temperature | • 0 to 40 °C (32 to 104 °F) | | | |
| Storage Temperature | • -40 to 70 °C (-40 to 158 °F) | | | |
| Operating Humidity | • 0% to 90% RH, non-condensing | | | |
| Storage Humidity | • 0% to 95% RH, non-condensing | | | |
| EMI | • FCC Class B, CE Class B, VCCI Class B, BSMI | | | |
| Safety | • cUL, CE LVD, CB, BSMI | | | |