D-Link
Building Networks for People

Product Highlights

PoE+ Support with High Power Budget

802.3at PoE (up to 30 watts per port) with a high PoE power budget (up to 370 watts total), ideal for 802.11ac wireless access points and multi-feature network cameras

Intuitive PoE Usage Monitoring

Features four PoE power budget indicator LEDs that give real-time feedback on the total power consumption of the connected PoE-powered devices

Flexible Connectivity

Supports two Gigabit combo uplink ports, offering a choice for upstream or downstream server connections via a fibre or copper interface



DGS-1026MP

26-Port Gigabit Max PoE Switch

Features

Versatile Connectivity
- 24 10/100/1000 Mbps PoE ports
- 2 Gigabit combo uplink ports

Reliability
- IEEE 802.3x Flow Control
- Store-and-forward switching

Easy Setup
- Plug-and-play installation
- Auto MDI/MDI-X crossover on all ports

Green Features
- IEEE 802.3az Energy Efficient Ethernet
- RoHS-compliant

High PoE Power Budget
- 370 W PoE power budget
- Compliant with IEEE 802.3af/at
- PoE usage indicator LEDs

The D-Link DGS-1026MP 26-Port Gigabit Max PoE Switch enables users to easily connect and power PoE-capable devices such as wireless access points (APs), IP cameras, and IP phones. The DGS-1026MP can also be used to connect other Ethernet devices such as computers, printers, and a Network Attached Storage (NAS) to fit any type of network application.

Power over Ethernet

The DGS-1026MP features 24 10/100/1000BASE-T ports that support the IEEE 802.3at+ PoE standard. Each of the 24 PoE ports can supply up to 30 W, with a total PoE budget of 370 W, allowing users to attach multiple IEEE 802.3at-compliant devices to the DGS-1026MP without requiring additional power sources. Power over Ethernet is especially suitable for powering devices that are too far away from power outlets or for minimising the clutter of extra cables. The PoE usage LEDs further provide real-time feedback on the current PoE power usage on the network and helps plan out the PoE network budget, preventing PoE overloading problems.



PoE usage LEDs

Expand Your Network

With 2 x Gigabit combo uplink ports, businesses have additional flexibility their network deployment, offering a choice for upstream or downstream server connections via a fibre or copper interface.

Energy Efficient

To help small businesses save on operating costs, the DGS-1026MP supports IEEE 802.3az Energy Efficient Ethernet (EEE). This feature actively monitors network traffic and automatically puts ports that are not being used into hibernation, powering them on only when they are required.

Hassle-Free Setup

The DGS-1026MP is a plug-and-play device that requires no configuration, so setup is simple and hassle-free. Simply connect the switch to the network and then connect multiple computers, share files and make VoIP calls across the network. Support for Auto MDI/MDI-X on all ports eliminates the need for crossover cables when connecting to another switch or hub. Auto-negotiation on each port senses the link speed of a network device and intelligently adjusts for compatibility and optimal performance. Combining the convenience of PoE, fast performance, reliability and ease of use, the DGS-1026MP 26-Port Gigabit Max PoE Switch is the ideal choice for flexibly expanding an existing network with both PoE and non-PoE devices.

D-Link Assist
Rapid Response Support

If the worst should happen to your network you need the very best support and fast. Downtime costs your business money. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away.

With a choice of three affordable service offerings covering all D-Link business products, you can select the package that suits you best:

D-Link Assist Gold - for comprehensive 24-hour support

D-Link Assist Gold is perfect for mission-critical environments where maximum uptime is a high priority. It guarantees four hour around-the-clock response. Cover applies 24/7 for every day of the year including holidays.

D-Link Assist Silver - for prompt same-day assistance

D-Link Assist Silver is designed for 'high availability' businesses that require rapid response within regular working hours. It provides a four hour response service Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist Bronze - for guaranteed response on the next business day

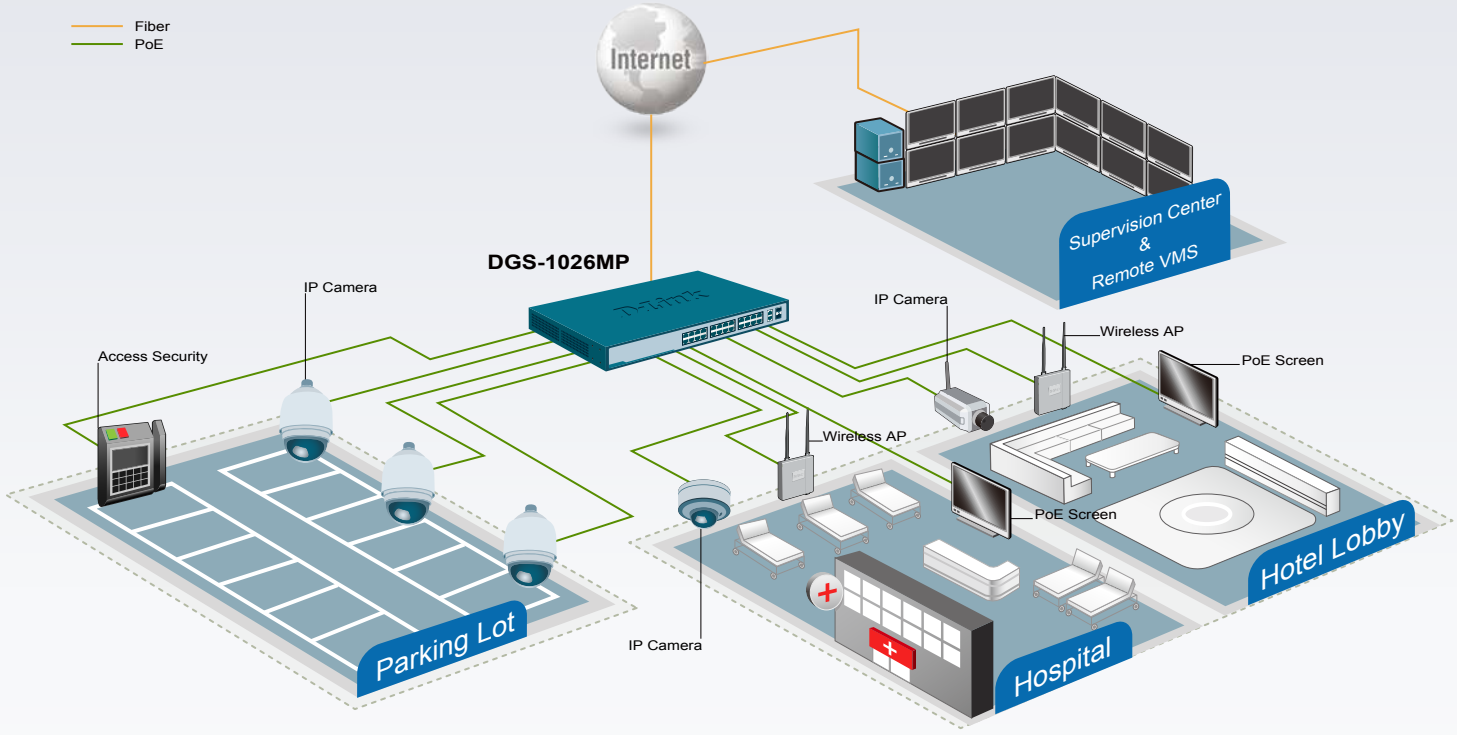
D-Link Assist Bronze is a highly cost-effective support solution for less critical environments. Response is guaranteed within eight business hours Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist can be purchased together with any D-Link business product. So whether you're buying switching, wireless, storage, security or IP Surveillance equipment from D-Link, your peace of mind is guaranteed. D-Link Assist also offers installation and configuration services to get your new hardware working quickly and correctly.

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Example Surveillance Configuration



Technical Specifications

General		
Number of Ports	• 24 x 10/100/1000 Mbps ports	• 2 x 10/100/1000BASE-T/SFP combo ports
Standards	• IEEE 802.3 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3ab 1000BASE-T Gigabit Ethernet	• IEEE 802.3z • IEEE 802.3x Flow Control • IEEE 802.3az Energy Efficient Ethernet (EEE)
Switching Capacity	• 52 Gbps switching fabric	
64 Byte Max. Forwarding Rate	• 38.69 Mpps	
Media Interface Exchange	• Auto MDI/MDI-X	
Transmission Method	• Store-and-forward	
MAC Address Table	• 8K (8192) entries per device	
Packet Buffer Memory	• 512 KB per device	
PoE Standards	• IEEE 802.3at	• IEEE 802.3af
PoE Ports	• Ports 1 to 24	
PoE Budget	• 370 W	• Up to 30 W per port
Diagnostic LEDs		
Per Unit	• Power	• PoE Power Budget
Per Port	• Activity/Link	• Speed
Per PoE Port	• Power Fail	• Power OK

DGS-1026MP 26-Port Gigabit Max PoE Switch

Physical		
Fan	• 2 x Smart fans	
Dimensions	• 440 x 250.4 x 44 mm (17.32 x 9.86 x 1.73 inch)	
Weight	• 3.1 kg (6.83 lbs)	
Power Input	• AC Input: 100 to 240 V AC, 50/60 Hz	

Power Consumption	• Maximum:
	  • 444.1 W (PoE on)
	  • 82.1 W (PoE off)
		• Standby:
		  • 240 V: 18.25 W

Temperature	• Operating: 0 to 50 ˚C (32 to 122 ˚F)	• Storage: -40 to 70 ˚C (-40 to 158 ˚F)
Humidity	• Operating: 10% to 90% RH, non-condensing	• Storage: 5% to 90% RH, non-condensing
MTBF	• 205,975 hours	
Heat Dissipation	• 1,515 BTU/h	
EMI	• FCC Class A • CE • CCC • RoHS	• VCCI • BSMI • RCM
Safety	• UL/CSA 60950-1 • EN 60950-1	• IEC 60950-1
Optional SFP Transceivers		
DEM-310GT	1000BASE-LX, Single-mode, 10 km	
DEM-311GT	1000BASE-SX, Multi-mode, 550 m	
DEM-312GT2	1000BASE-SX, Multi-mode, 2 km	
DEM-314GT	1000BASE-LHX, Single-mode, 50 km	

For more information: www.dlink.com

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