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Building Networks for People

Product Highlights

Power Your Devices

Supports IEEE 802.3at Power over Ethernet (PoE) to power PoE-capable devices via Ethernet cables without the need for additional power adapters

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 for connecting to a central management center, either through a copper Ethernet or fiber connection

DGS-1026MP

26-Port Unmanaged Gigabit 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 Unmanaged Gigabit 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, for 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 minimizing 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.

Expand Your Network

The addition of two Gigabit combo uplink ports means businesses can increase their network bandwidth using the speed of Gigabit Ethernet while offering redundancy so voice and surveillance data are transferred reliably. The combo port design increases connection flexibility by offering two Gigabit copper or fiber connections, giving administrators more options for expanding the network.

Energy Efficient

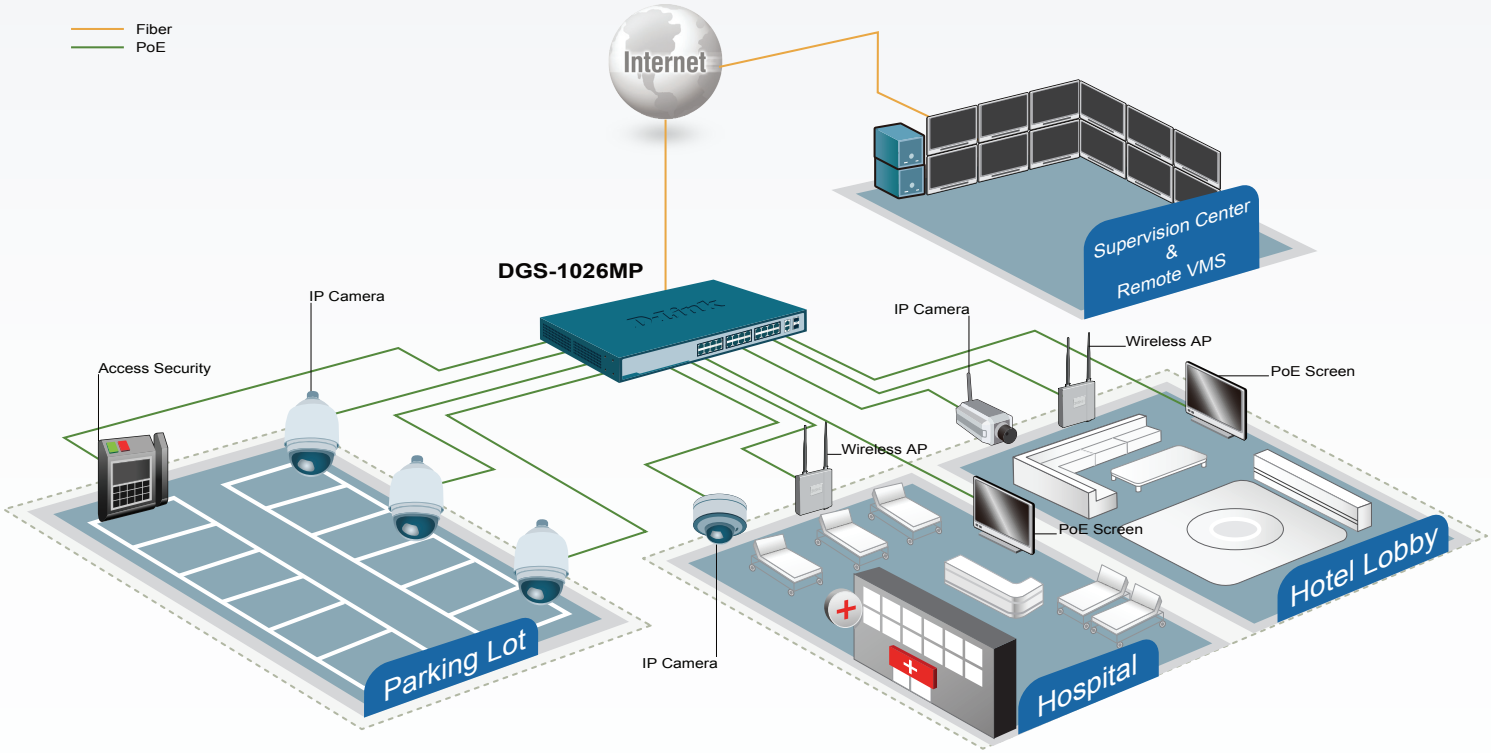
To help small businesses save on operating costs, the DGS-1026MP supports IEEE 802.3az Energy Efficient Ethernet (EEE). This feature actively monitors network traffic and automatically puts ports that are not being used into hibernation, powering them on only when they are required.

DGS-1026MP 26-Port Unmanaged Gigabit PoE Switch

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 Unmanaged Gigabit PoE Switch is the ideal choice for flexibly expanding an existing network with both PoE and non-PoE devices.

Example Surveillance Configuration



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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
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:
		  • 100 V: 18.35 W
		  • 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

DGS-1026MP 26-Port Unmanaged Gigabit PoE Switch

Order Information	
Part Number	*Description*
DGS-1026MP	26-Port Unmanaged Gigabit PoE Switch
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
DEM-315GT	1000BASE-ZX, Single-mode, 80 km
DEM-330T/R	Gigabit WDM transceiver, Single-mode, 10 km
DEM-331T/R	Gigabit WDM transceiver, Single-mode, 40 km

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