

DIGISOL 16 Port PoE Gigabit Unmanaged Switch with 3 Uplink Ports

DG-GS1019PF-B

Key Features:-

- 16*10/100/1000Mbps PoE ports, 2*10/100/1000Mbps uplink port, 1*1000Mbps SFP Slot
- Support IEEE802.3af/at
- Support restrain network storm, VLAN function
- Support Max Transmission distance up to 100m
- All port supported by MDI/MDIX auto flip and self-negotiation
- Built-in power supply
- Maximum power of single PoE port: 30 W
- Whole machine power: 300W
- Adopts store-and-forward architecture
- Fanless, natural cooling, small, compact and quiet design, suitable for desktop or wall
- Support lightning protection 4KV
- Supports distance of 250m at 10Mbps



Introduction:-

PoE switch adopts the latest high-speed Ethernet switching chip and ultra-high backplane bandwidth design, with extremely fast data processing capability to improve smooth data transmission performance. It has 16 PoE-powered RJ45 ports, 2 RJ45 uplink ports and one independent SFP expansion slots . All of sixteen RJ45 ports support IEEE 802.3af/at standard , with a maximum power supply of 30W for a single port and 300W for the whole machine, which can automatically detect and identify the powered devices that comply with IEEE 802.3af/at standard and supply power for the priority mechanism through the network cable.

With simple and convenient installation and maintenance means and rich service features, it helps users to build a safe and reliable high-performance network. It is mainly positioned at the core or convergence layer of user networks such as industrial parks, buildings, factories and mines, government agencies, and community broadband; it can be widely used in Ethernet access scenarios such as SMEs, Internet cafes, hotels, and schools.

Technical Specifications:-

Item			Descriptions
Power	Power Adapter Voltage		AC 110V-240V
	Consumption		300W(52V,2.3A)
Network Connector	Network Port	PoE Ethernet Port	1~16 Port : 10/100/1000Mbps
		Ethernet port	Uplink Port : 10/100/1000Mbps
		SFP Port	SFP Port: 1000Mbps
	Transmission Distance		1~16 Port : 100/1000Mbps:0~100m
			Extend Mode: Port 1~16 : Upto 250m
			Uplink Port : 0 ~ 100m
			SFP: depends on the optical module(20km...100km)
	Transmission Medium		Cat5/5e/6 standard network cable
Network Switch	Network Standard		IEEE802.3/802.3u, IEEE802.3x, IEEE802.ab
	Switching Capacity		38Gbps
	Packet buffer memory		1Mbits
	Throughput		28.272Mpps
	MAC Table		2K
	Paket Forwarding Rate		10Mbps:14880pps/port
			100Mbps:148800pps/port
			1000Mbps:1488000pps/port

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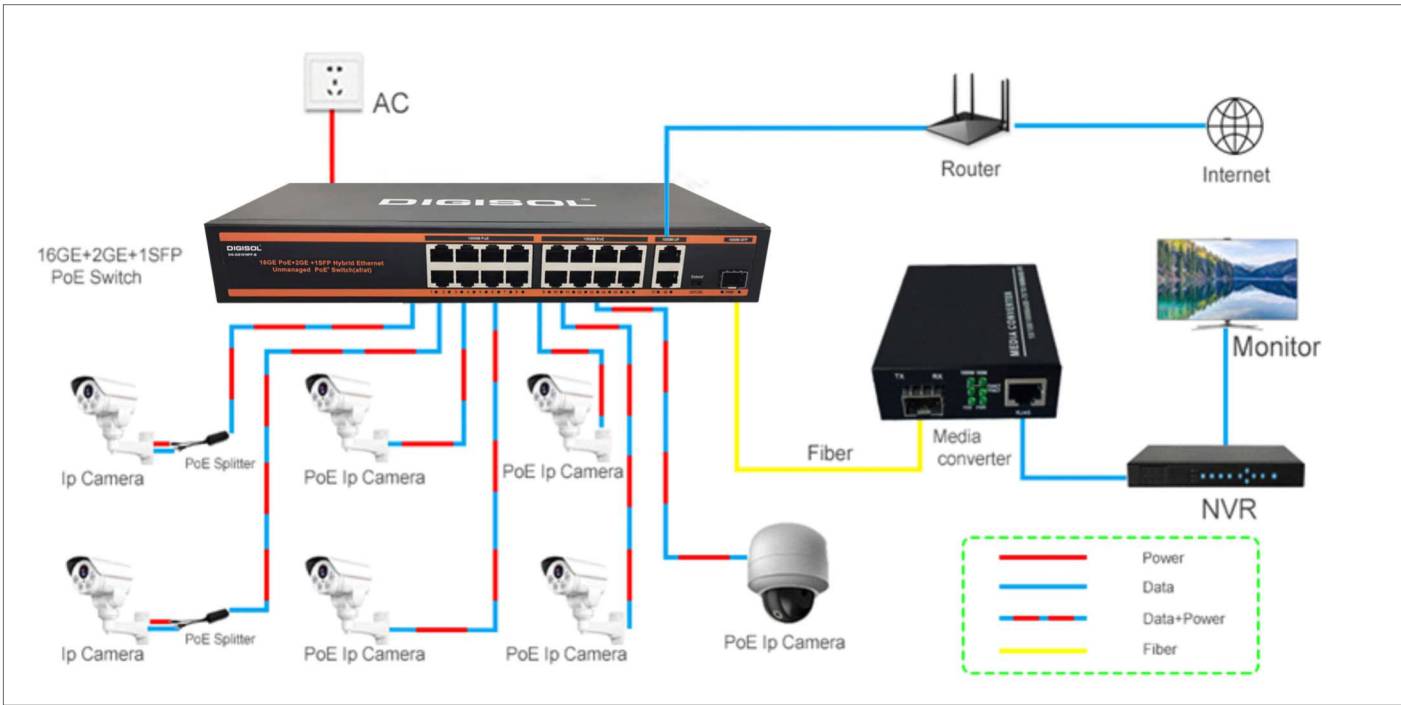
SWITCHING SOLUTIONS



Technical Specifications:-

Item		Descriptions
Power Over Ethernet	PoE Standard	IEEE 802.3af/at
	PoE Power Supply	End-Span(1/2+;3/6-)
	PoE Power	af=15.4W,at=30W
RJ45 port	Port Function	Power priority mechanism, fast and forward, MAC automatic earning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode
LED Indicator	LED Indicator	LINK/ACT.100Mbps;PoE Status Indicator; Power indicator; Extender
Environmental	Working temperature	0°C~55°C
	Relative Humidity	20~95%
	Storage temperature	-20°C~70°C
Mechanical	Dimension (L×W×H)	310mm*183mm*45mm
	Color	Black
	Weight	2.6kg

Application:



Ordering Information:-

DG-GS1019PF-B: DIGISOL Unmanaged PoE switch with 16*10/100/1000Mbps PoE ports, 2*10/100/1000M Uplink Port and 1*1000Mbps SFP Slot. PoE: 300W

*Warranty shall be subject to terms and conditions specified in the DIGISOL PRODUCT WARRANTY displayed on the website of the company.

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DIGISOL SYSTEMS LIMITED
CITIPOINT, 7th Floor,
Unit No. B-701, B-702 & B-703,
Andheri-Kurla Road, J. B. Nagar,
Andheri (East),
Mumbai - 400059, INDIA

1800-209-3444
www.digisol.com
helpdesk@digisol.com

@DIGISOLINDIA