

DIGISOL 24 Port Gigabit L2 PoE Switch

DG-GS3228HP/C

Key Features:-

- Complies with IEEE802.3af/at Standard
- Support RJ45 Auto-MDI/MDIX
- Auto detect PD
- Remote power and Data feeding up to 100m
- Flow Control (802.3x)
- Support Energy-Efficient Ethernet (IEEE802.3az)
- Supports 802.1Q tag VLAN
- Supports Port Mirroring
- Supports STP/RSTP/MSTP
- Management: Web, CLI (Console Port, Telnet, SSH), SNMP and RMON
- Support PD Alive function



Introduction:-

DIGISOL DG-GS3228HP/C provides 24 x 10/100/1000Mbps RJ45 ports, 2G Combo ports and 2G SFP ports that supports 802.3af/at Standard , with a total PoE power rating up to 370W, powerful and flexible enough for users to deploy wireless access points or IP-based network surveillance cameras. The switch also comes equipped with 2 SFP slots, expanding your network flexibly. In addition, it provides high performance, QoS, advanced security strategies and rich layer 2 management features. With all these advanced features, the PoE Switch is an ideal choice for small and medium business networking.

Technical Specifications:-

Hardware Specifications:-

Model	DG-GS3228HP/C
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab , IEEE 802.3z, IEEE 802.3x, IEEE 802.1X, IEEE 802.1q, IEEE 802.1p, IEEE 802.1d, IEEE 802.1w, IEEE 802.3ad, IEEE802.3af, IEEE802.3at
Interface	24 x 10/100/1000Mbps RJ45 Port (Auto Negotiation/Auto MDI/MDIX) 2 x 10/100/1000Mbps Combo ports 2 x 100/1000Mbps SFP Slots 1 Console Port
Indicator	PWR, LNK/ACT, PoE
Network media	10BASE-T: UTP category 3, 4, 5 cable (≤100m) 100BASE-TX: UTP category 5, 5e cable (≤100m) 1000BASE-T: UTP category 5e, 5 cable (≤100m) 100BASE-FX:MMF, SMF 1000BASE-X: MMF, SMF
MAC Address Table	8K, Auto-learning, Auto-aging
jumbo frame	9216Bytes
Packet buffer	4.1M
Transfer Mode	Store-and-forward
Packet Forward Speed	41.66Mpps

Hardware Specifications:-

Model	DG-GS3228HP/C
Switching Capacity	56Gbps
Dimensions (L x W x H)	440 x 207 x 44mm
Fan Quantity	2
PoE Port	Port1~24
PoE Power on RJ45	Mode A 1/2(-), 3/6(+)
PoE Power Output	Voltage: 55V DC Power: 30W (MAX)
PoE Power Budget	370W
Power supply	390W
Input Power Supply	100~240V AC, 50/60Hz
Operating Temperature	0°C ~ 40 °C
Storage Temperature	-40 °C ~ 70 °C
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
Surge Protection	Common mode ±6KV Differential mode ±4KV
MTBF	>50000 hour
Electrostatic standard	Contact 6KV, Air 8KV
Green energy saving	Support IEEE 802.3az

Software Specifications:-

Model	DG-GS3228HP/C
Spanning Tree	IEEE 802.1D -Spanning Tree
	IEEE 802.1w -Rapid Spanning Tree
	IEEE 802.1s -Multiple Spanning Tree
	BPDU Guard
	STP Root Guard
	Loop Detection
VLAN	Management VLAN
	Private VLAN
	Voice VLAN
	Surveillance-VLAN
	Q-in-Q (Double Tag)
	802.1v Protocol VLAN
	MAC-Based VLAN
Port	IEEE 802.3ad with LACP (Dynamic), Supports 8 ports per group and 8 groups
	Static Trunk
	EEE
	Jumbo Frame
	Error-Disable
IGMP Snooping	IGMP Snooping v1/v2/v3. Supports 1024 multicast groups
	MLD Snooping v1/v2
	MVR

Software Specifications:-

Model	DG-GS3228HP/C		
QoS Features	Hardware Queues		
	Class Of Service	Port Based	
		802.1p	
		CoS	
		DSCP	
		IP Precedence	
		TCP/UDP (IPv4/IPv6)	
	Rate Limiting	Ingress	
		Egress	
	Priority Queue Scheduling	WRR	
Strict Priority			
DSCP & CS			
IPv4 QoS (QCEs)			
IPv6 QoS (QCEs)			
Security	Port Security		
	Port Isolation		
	MAC Filtering		
	IEEE802.1x AAA		
	ACLs	L2+ /L3/L4	
		IPv6 Support	
		Management Access List	
	Management ACL/Management ACE		
	IP Source Guard (IP-MAC-Port-VALN Binding)		
	IP Source Guard (IP-MAC-Port Binding)		
	Dynamic ARP Inspection		
	Storm Control		
	RADIUS/TACACS+		
	RADIUS Authentication (RFC2138)		
	DDoS Prevention		
	HTTPs and SSL (Secured Web)		
	SSH v1.5/v2.0 (Secured Telnet Session)		
	DHCP Snooping		
	DHCP Relay		
	Management	SNMP (v1, v2c, v3)	
RMON (1, 2, 3 & 9 groups)			
Software Upgrade			
Configuration Export/Import			
DHCP		Client	
		Option 82	
		Option 66	
		Option 67	
Event/Error Log		Syslog	
Management Access Filtering		Console, SNMP	
	HTTP/HTTPS, Telnet		

Software Specifications:-

Model	DG-GS3228HP/C
	Port Mirroring
	LLDP (IEEE802.1AB)
	LLDP-MED
	UDLD
	DNS Client
	Traceroute
	Ping
	Cable Test
	DDMI
	NTP/ SNTP (RFC2030)
IPv4/IPv6 Support	Dual IPv6/IPv4 stack
	Web/SSL
	SNTP (Simple Network Time Protocol)
	Telnet / SSH
	Ping/Traceroute
	TFTP
	RADIUS/TACACS+
	SNMP
PoE Management	Port Config
	Alive Checking for PD
	PoE Delay
	PoE Schedule
ONVIF	ONVIF Deteciton
	ONVIF Server (NLM)

Ordering Information:-

DG-GS3228HP/C: DIGISOL 24-Port Gigabit L2 managed PoE switch with 2 x 1G Combo and 1G SFP Ports, PoE: 370W

*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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Rear View :

