

DIGISOL 24-Port Gigabit + 4G SFP L2 Managed Industrial PoE Switch

DG-IS4528HPDA

Key Features:-

- IEEE802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3af IEEE802.3at
- Provides 24 10/100/1000 Base-TX ports + 4 gigabit SFP ports
- Build-in power supply 450W
- High back-plane bandwidth 56Gbps
- Support IGMP snooping for Multi-media application
- Support Port Based VLAN / 802.1Q Tag VLAN
- Support IEEE802.3ad Port trunk with LACP
- Management by Web/SNMP/SSH/Telnet/Console
- Supports IPV6



Introduction:-

DIGISOL DG-IS4528HPDA is an industrial-grade L2 managed PoE Switch with 24*10/100/1000Mbps adaptive RJ45 ports and 4 Gigabit SFP fibre slots. Ports 1-24 support PoE, with a maximum of 30W for each port. Each RJ45 port supports MDI/MDIX automatic rollover and wire-speed forwarding. The device adopts storage and forwarding, no fan, low power consumption design, has the advantages of easy to use, compact and beautiful, simple installation. The product is designed to meet Ethernet standards, with lightning protection, staticprotection mechanism, operating temperaturerange of -40°C to 75°C, stable performance, safetyand reliability, can be widely used in intelligent transportation, telecommunications, security, financial securities, customs and otherbroadband data transmission fields.

Technical Specifications:-

Item	DG-IS4528HPDA
Interface	24*10/100/1000MbpsRJ45Ports, 4*1000Mbps SFP Slots
	IEEE802.3,IEEE802.3u,IEEE802.3ab,IEEE802.3z,IEEE802.3x,IEEE802.3af,IEEE802.3at
Switching Capacity	56Gbps
Packet Forward Speed	41.7Mpps
Packet Buffer	1.5MB
Ram	256MB
Flash	64MB
Jumbo Frame	16K
MAC Address Table	16K,Auto-learning, Auto-aging
L3 Interface	32
ACL Table	512
Vlan Quantity	4K
PoE Budget	400W

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SWITCHING SOLUTIONS



Technical Specifications:-

MAIN FEATURES:

Item	DG-IS4528HPDA
VLAN Port Configuration	Auto-Negotiation, Flow Control
	Storm Control broadcast, multicast and rate limit
	Port Mirroring (many to one)
	Rate Limit, Link Aggregation (Max:8 groups, with 8 ports each)
	Aggregation Strategy, Port Protection
MAC Configuration	Static MAC Address, MAC Binding,
	MAC Address Filter, MAC Limitation
VLAN	VLAN Based on 802.1Q, MAC-Based VLAN,
	IP-Based VLAN, Protocol-Based VLAN,
	Guest VLAN, Private VLAN
RELIABILITY	Spanning Tree STP/RSTP/MSTP, BPDU Guard,
	BPDU Filter, Port Loop Detection, EAPS Protocol,
	LLDP Protocol, UDLD Protocol
HOST ROUTING	Static ARP,Static Routing
MULTICAST	Static Multicast MAC Address, IGMP SNOOPING, MVR, GMRP
ACL	Based on Standard IP, Based on Extend IP, Based on MAC IP,
	Based on MAC ARP, Based on time,
	Port Filtering
QoS	Scheduling Mode WRR, SP, WFQ, Sorting Based on Port,
	Sorting Based on 802.1p,
	Sorting Based on DSCP (DiffServ)
SECURITY	TELNET, WEB and SNMP server,
	CPU Protect
	IP-MAC Address Binding
	802.1x, RADIUS server authentication authorization and billing
	MAC-based 802.1X authentication, 802.1x guest VLAN
	DHCP SNOOPING
	Prevent ARP Spoofing
MANAGEMENT	CLI Management
	WEB Management,Log Management
	Configuration Download/Upload
	SNMP Management
	Timer Management
DEBUGGING TOOLS	PING, TRACEROUTE, TELNET Client
POWER	Electrostatic Standard :Contact±6KV,Air±8KV
	Input Power Supply: 100-240VAC, 50/60Hz
Power Supply	PoE Power Output: 30W(MAX)
	PoE Port: Port 1~24
	PoE Pin Assignment: V- (RJ45 Pin1,2), V+ (RJ45 Pin 3,6)
	PoE Voltage: 53VDC
ENVIRONMENT AND COMPLIANCE	10BASE-T: UTP category 3, 4, 5 cable(≤100m)
	100BASE-TX:UTPcategory5, 5ecable (≤100m)

Technical Specifications:-

MAIN FEATURES:

Item	DG-IS4528HPDA
	1000BASE-T:UTPcategory5e, 5cable(≤100m)
	1000BASE-X: MMF, SMF
	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z,
	IEEE802.3af, IEEE802.3at
Fan Quantity	Fan-less
Dimension	440 x 200 x 44 mm
Operating Humidity	5%~95%non-condensing
Storage Temperature	-40 to 70°C
Operating Temperature	-40 to 70°C

Rear View :



Ordering Information:-

DG-IS4528HPDA : DIGISOL 24-Port Gigabit L2 Managed Industrial PoE Switch with 24x1G PoE ports and 4x1G SFP slots with dual power supply

*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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