



IS4210-8GT-120

10-Port Managed Industrial Gigabit Switch with 8-Port PoE (Managed)

Overview

Specifications

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Technical Specifications

Hardware	
Included Power Adapter	No
PoE	Yes
Ethernet Port	8
Optical Port	2
Ethernet Port Speed	10/100/1000 Mbps
Optical Port Speed	1000 Mbps
Description of Function Slots	Port 1-8: 8 × RJ45 10/100/1000 Mbps Port 9-10: 2 ×SFP 1000 Mbps
Debugging	1 × Console port
Reset Button	1
Power Supply	53 VDC
Operating Temperature	-40 °C to +75 °C (-40 °F to +167 °F)



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Full load: 120 W

Performance

Layer	L2
Management Type	Yes
MTBF	1198177.29 hours
Switching Capacity	20 Gbps
Packet Forwarding Rate	14.88 Mpps
Packet Buffer Size	4.1 Mbit
Jumbo Frame	10K Byte
MAC Table Size	8K
VLAN Number	4K
VLAN Interface	10
Dynamic ARP	512
Communication Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3ad

Feature

PoE Protocol	IEEE802.3af (PoE); IEEE802.3at (PoE+); Hi-PoE; IEEE802.3bt
PoE Power	Port 1-2 ≤90 W Port 3-8 ≤30 W Full load ≤120W
PoE Power Consumption Management	Yes
PoE Pin Assignment	1, 2, 4, 5(V+),3, 6, 7, 8(V-)
Long Distance PoE Transmission	Yes
Spanning Tree Protocol	STP, RSTP, ERPS
VLAN Function	Yes



Multicast	IGMP Snooping
DHCP Function	DHCP client
Security	IEEE 802.1x ERPS
Equipment Management	WEB (http and https) SNMP V1/V2C/V3

General

Statics Protection	Air discharge: 8 kV Contact discharge: 6 kV
Lighting Protection	Common mode: 6 kV Differential mode: 4 kV
Net Weight	1.25 kg (2.76 lb)
Gross Weight	1.52 kg (3.35 lb)
Product Dimensions	125 mm × 53.5mm × 175.0 mm (4.92" × 2.11" × 6.89") (L × W × H)
Packaging Dimensions	254 mm × 287 mm × 101 mm (10.00" × 11.30" × 3.98")(L × W × H)
Certifications	CE, FCC

Transmission Performance:

Switch power supply voltage 53V.
CAT5E/CAT6. Max. DC resistance < 10Ω/100m

Cable(m)	Load Capacity(W)	Bandwidth(Mbps)
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IEEE802.3bt 90W

100	71.3	1000
150	62	10
200	51	10
250	40	10



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150	50	10
200	47	10
250	37	10
IEEE802.3at 30W		
100	25.5	1000
150	25.5	10
200	25.5	10
250	25.5	10

Note: Data from this table was collected by Dahua test lab and is for reference only . The actual transmission distance may vary due to power consumption of connected devices or the cable type and status.

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