

DS209-1GF8GT

9-port Ethernet switch



- Provide 1 Gigabit uplink optical port and 8 Gigabit downlink ports.
- The power port supports 10/100/1000Mbps adaptive, all support MDI/MDIX
- Applicable voltage range 100~240V AC
- Dial switch one-click VLAN configuration, video channel mode configuration, long-distance mode configuration
- It has high security and anti-power supply burst.
- Applicable -20℃~60℃ Working environment



Product introduction

DS209-1GF8GT ethernet switch products are developed for network hd monitoring, network engineering and other needs of the ethernet switch. The product provides high-speed packet forwarding capability and ample backplane bandwidth to ensure clear and smooth image transmission. Embedded electrostatic and surge protection circuits to improve product stability. Support one-key VLAN configuration mode, which can realize port isolation and suppress network storm functions after configuration, and play a role in protecting information security, preventing virus transmission and

network attacks; Support the video channel mode and establish a one-to-one channel mode for the downlink ports of two identical devices. Support the long-distance mode. After configuration, the downlink port rate is forced to be 10Base-T to increase the transmission distance of the downlink port. At this time, the transmission distance of the device downlink port is 0-300 meters. Fully meet the needs of network video surveillance systems, network engineering, downlink port is 0-300 meters. Fully meet the needs of network video surveillance system and network engineering.

Product features

Support standards

IEEE 802.3 10BaseT
 IEEE 802.3u 100BaseT
 IEEE 802.3z 1000BaseFX, IEEE 802.3ab 1000BaseT

Exchange characteristics

Backboard bandwidth: 18Gbps MAC address table: 4K

Super-large frame: 9216 Bytes

Optical port characteristics

Fast Rate: 1000Mbps

Optical fiber characteristics:

Single-mode optical fiber: 9/125um, 10/125um
 Multimode fiber: 50/125um, 62.5/125um

Transmission distance:

Multi-mode: 550m
 Single mode: 20/40/60/80Km

Interface type: SFP slot

Electrical port characteristics

Fast Rate: 10/100/1000Mbps adaptive,

Working mode: Full-dup/Half-dup, Support MDI/MDI-X

Transmission distance: Distance ordinary mode 0-100m; long-distance mode 0-300m

Interface type: RJ45

Dial switch: 1, 2

LED indicator: PWR, Link, 10/100/1000Base-T

Power supply requirements

Input voltage: 100~240V AC

Physical properties

Shell: Metal, IP30 protection

Size: 160 x 115 x 40 mm

Weight: 600g

Installation method: Desktop installation

Environmental restrictions

Operating temperature: -20 ~ 60° C (-40 ~ 140° F)

Storage temperature: -40 ~ 85° C (-40 ~ 185° F)

Environmental relative humidity: 5 ~ 95% (non-condensing)

Standards and certification

Electromagnetic interference (EMI): FCC Part 15/CISPR22 (EN55022): Class A

Electromagnetic sensitivity (EMS):

IEC61000-4-2 (ESD) contact discharge: ±4kV;

IEC 61000-4-3 (RS) Level 2;

IEC 61000-4-6 (CS) Level 2;

IEC 61000-4-4 (EFT) power cord: ±2kV; data cable: ±1kV;

IEC 61000-4-5 (Surge) power cord: ±2kV; data cable: ±2kV

Anti-vibration: IEC 60068-2-6

Impact resistance: IEC 60068-2-27

Free whereabouts: IEC 60068-2-32

MTBF (Average failure interval time)

Time: 500000 h

Quality guarantee

Quality assurance: 3Year

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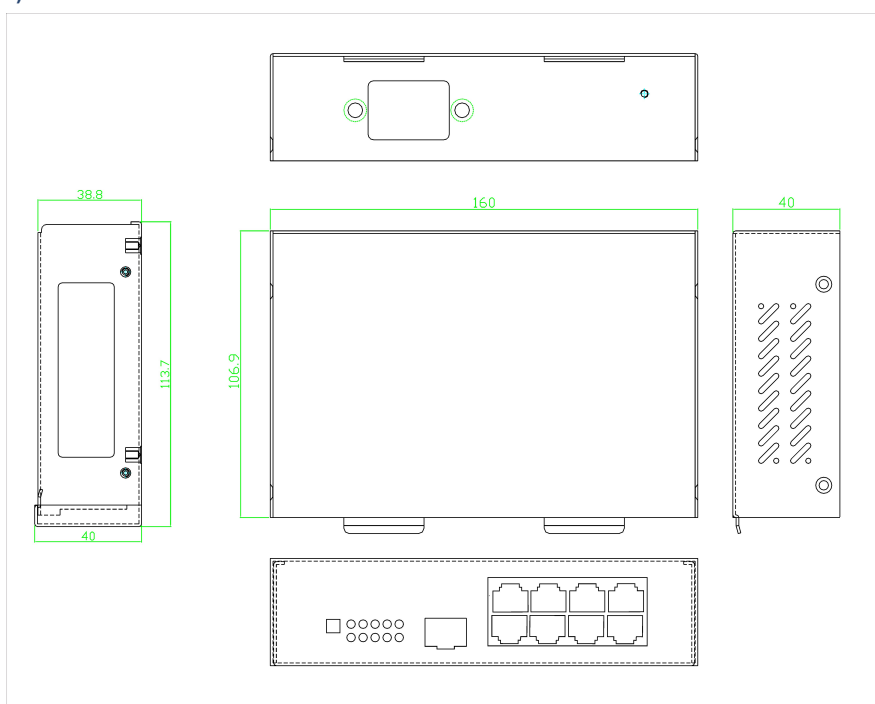
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LightTow ropeCharacteristic

	1000BaseFX	
	Multi-mode	Single-mode
Wavelength	850Nm	1310/1550nm
Maximum sending	-3 dBm	0 dBm
Minimum sending	-9 dBm	-10 dBm
Receiving sensitivity	-19 dBm	-22 dBm
Link budget	10 db	12 db
Typical distance	550 M	20KM
Saturation	-3 dBm	-3 dBm

Product size (mm)



Ordering

Optional models	Type of interface			
	10/100BaseT	10/100/1000BaseT	Ten0BaseFX	1000BaseFX
DS209-1GF8GT	—	8	—	1

Packing list

- Ethernet Switchboard
- AC power cord
- Installation of accessories
- Instructions for use
- A warranty card
- A certificate of conformity