

Switch DAHUA DH-SG4020 SG4020



Model: SG4020

Manufacturer: DAHUA

EAN: 6923172593948

Product Code: 310402

R2,713

Equipped with a high performance switching engine, the 20-Port All-Gigabit Managed Switch performs optimally. It has low transmission delay, large buffer and is highly reliable. It also has a strong switching capability and optimizes transmission performance when accessing Ultra HD videos. With its full metal design and fanless design, the device has great heat dissipation and is low power consumption,

working in environments ranging from -10°C to 55°C (+14°F to +131°F). With protection against overvoltage, EMC and overcurrent from power input terminals, the switch effectively resists interference from static electricity, lightning, and pulses. It also has powerful network management functions, supporting IGMP Snooping, Link Aggregation, QoS, LLDP, STP/RSTP, Web.

Link Aggregation

Combines multiple physical links into one virtual channel for dynamic redundancy and load balancing, ensuring that the connection remains stable.

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Quality of Service (QoS)

Uses mechanisms designed to control bandwidth, delay, jitter, and loss to ensure the performance of services when the capacity is limited.

Link layer discovery protocol (LLDP)

Enables network devices to advertise their information mutually, allowing you to conveniently monitor and manage devices in the local topology. This makes it easy for administrators to effectively perform troubleshooting.

Spanning Tree Protocol (STP)

Uses algorithms that calculate the best loop-free path through a Layer 2 network while providing path redundancy to prevent the occurrence of broadcast storms and enhance the stability of operations and services.

IGMP snooping

Listens to multicast traffic, and solely forwards information to registered clients based on the multicast forwarding table. This ensures the safety of information and improves network efficiency.

Fanless Design

The fanless design reduces noise, enhances user experience, reduces mechanical losses and improves service life to a certain extent.

- Supports web management
- Supports STP and RSTP
- Supports manual aggregation and static LACP protocol aggregation
- 10/100/1000 Mbps self-adaptive Ethernet port
- Highly integrated, it is exquisite, convenient and easy to use

Summary: Dahua Technology SG4020. Switch type: Managed, Switch layer: L2. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 18, Console port: RJ-45. Full duplex. MAC address table: 8000 entries, Switching capacity: 56 Gbit/s. Networking standards: IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z. DC input voltage: 12 V. Rack mounting, Form factor: 1U | Vendor Homepage: <https://www.dahuasecurity.com/products/All-Products/Transmission/IT-Channel-Products/Managed->

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Switch/SG4020 | Cloud-managed: No | Quality of Service (QoS) support: Yes | Switch layer: L2 | Switch type: Managed | Web-based management: Yes | Basic switching RJ-45 Ethernet ports quantity: 18 | Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000) | Console port: RJ-45 | Gigabit Ethernet (copper) ports quantity: 18 | SFP module slots quantity: 2 | 10G support: No | Copper ethernet cabling technology: 1000BASE-T/100BASE-TX/10BASE-T | Ethernet LAN data rates: 10,100,1000 | Flow control support: Yes | Full duplex: Yes | Link aggregation: Yes | Networking standards: IEEE 802.1x/IEEE 802.3/IEEE 802.3ab/IEEE 802.3ad/IEEE 802.3u/IEEE 802.3x/IEEE 802.3z | Number of VLANs: 4000 | Spanning tree protocol: Yes | Virtual LAN features: Port-based VLAN/Tagged VLAN | VLAN support: Yes | Forwarding rate: 29.76 | Jumbo frames: 10000 | Jumbo frames support: Yes | MAC address table: 8000 | Packet buffer memory: 4.1 | Switching capacity: 56 | DHCP features: DHCP client/DHCP server/DHCP snooping | IGMP snooping: Yes | Multicast support: Yes | Form factor: 1U | LED indicators: Yes | Product colour: Black | Rack mounting: Yes | Reset button: Yes | Fanless: Yes | Mean time between failures (MTBF): 467125.73 | DC input voltage: 12 | Power consumption (max): 24 | Power source: DC | Power supply included: Yes | Power over Ethernet (PoE): No | Operating relative humidity (H-H): 10 - 90 | Operating temperature (T-T): -10 - 55 | Storage relative humidity (H-H): 5 - 95 | Storage temperature (T-T): -40 - 75 | Depth: 440 | Height: 43.65 | Weight: 1570 | Width: 163.85 | Package depth: 520 | Package height: 107 | Package weight: 2250 | Package width: 271 | Sustainability compliance: Yes | Compliance certificates: CE | Model name: DH-SG4020 | Units per Pallet: 0 | Units per Shipping Box: 4 | Unit Calculated Volume: 0.01864 | Unit Calculated Weight: 2.95

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