



Dahua Technology SG4020 Managed L2 Gigabit Ethernet (10/100/1000) 1U Black

Model: SG4020

Manufacturer: DAHUA

EAN: 6923172593948

Product Code: 1424628

R3,188

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 ($+14^{\circ}\text{F}$ to $+131^{\circ}\text{F}$). 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

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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.

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.

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