

DH-CS4010-8GT-110

10-Port Cloud Managed Desktop Gigabit Switch with 8-Port PoE



Series Overview

Highly intuitive, the Smart Managed Switch can manage local networks. With the DoLynk Care platform, it can also perform cloud management. The switch performs operation and maintenance using topology visualization on front-end, transmission and back-end storage devices that are in the security system and IT system. With its full metal design, the switch has great heat dissipation and can operate in temperatures ranging -10°C to 55°C. It offers EMC and has protection against overvoltage, overcurrent, static electricity, lightning strikes, pulses and other types of interference. For the PoE series Smart Managed Switch, power is supplied up to 250 meters away. The orange port supplies up to 60 W and the red port provides up to 90 W. Also, link aggregation and STP are available on select models to ensure the network remains stable. The switch can be used in small and medium-sized businesses such as supermarkets, offices, restaurants, cafés and hotels.

Functions

Cloud Management

Devices can be managed through the DoLynk Care app and performs real-time monitoring of the network. The app also displays the status of devices, triggers alarms for errors in real time and sends notifications.

Network Topology Management

Supports the LLDP protocol and is able to generate and display the network topology, so that you can quickly identify issues, and perform operation and maintenance remotely on devices that are in the topology.

BT 90W (Red Port)

The red ports support IEEE802.3af, IEEE802.3at, IEEE802.3bt and Hi-PoE standards, with a maximum output power consumption of 90W per port. Suitable for powering high-power devices.

- Meets the requirements of IEEE802.3,IEEE802.3u,IEEE802.3x, IEEE802.3ab standards
- Meets the requirements of IEEE802.3af, IEEE802.3at, Hi-PoE, and IEEE802.3bt power supply standards.
- Manages PoE power consumption and PoE power on/off. Supports Intelligent PoE.
- A wide operating temperature range and a full metal casing that is fully-enclosed and dust-proof.



Long Distance PoE

The transmission distance of a PoE port can be up to 250 m, meeting the requirement of wired transmission (bandwidth reduced to 10 Mbps).

PoE Watchdog

Adopts the innovative PoE Watchdog. PoE Watchdog can be switched on by dialing/turning on the WEB page switch. It enables the switch to automatically detect port status and restart the failed ports to recover connection in case of IPC connection exception. This enables intelligent operation and maintenance management in its true sense and effectively reduces manual maintenance costs.

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.

Loop Protection

When a loop is detected, the loop alarm will be triggered and the elimination mechanism will activate to prevent broadcast storms from occurring.

Scene

Suitable for scenes such as houses, factories and offices.

Smart Managed Switch | DH-CS4010-8GT-110

Technical Specification

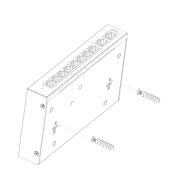
Hardware						
Included Power Adapter	Yes					
PoE	Yes					
Ethernet Port	8					
Ethernet Port Speed	10/100/1000 Mbps					
Ethernet Port Uplink Speed	10/100/1000 Mbps					
Description of Function Slots	Port 1-8: 8 × RJ-45 10/100/1000 Mbps (PoE); Port 9-10: 2 × RJ-45 10/100/1000 Mbps (uplink)					
Reset Button	1					
Power Supply	External power supply: 54 VDC, 2.22 A					
Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F)					
Operating Humidity	5%–95% (RH), non-condensing					
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)					
Storage Humidity	5%–95% (RH), non-condensing					
Power Consumption	Idling: ≤6 W; Full load: 110 W					
Performance						
Layer	Layer 2					
Management Type	Yes					
Smart Managed Switch	Yes					
MTBF	127.3 years					
Switching Capacity	20 Gbps					
Packet Forwarding Rate	14.88 Mpps					
Packet Buffer Size	4 Mbit					
Jumbo Frame	15K Byte					
MAC Table Size	8K					
VLAN Number	32					
Communication Standard	IEEE802.3; IEEE802.3u; IEEE802.3x; IEEE802.3ab					
Feature						
PoE Protocol	IEEE802.3af; IEEE802.3at; Hi-PoE; IEEE802.3bt					
PoE Power	Port 1 \leq 90 W, Port 2-8 \leq 30 W, total \leq 110 W					
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					
VLAN Function	Port-based VLAN					
IEEE 802.3x Flow Control	Yes					
DHCP Function	DHCP Client					
Equipment Management	Web management; App management					

General

Statics Protection	Air discharge: 8 kV; Contact discharge: 6 kV
Lighting Protection	Common mode: 4 kV; Differential mode: 2 kV
Net Weight	0.55 kg (1.21 lb)
Gross Weight	1.3 kg (2.87 lb)
Product Dimensions	190 mm × 106 mm × 30 mm (7.48" × 4.17" × 1.18") (L × W × H)
Packaging Dimensions	256 mm × 244 mm × 87 mm (10.07" × 9.61" × 3.43") (L × W × H)
Casing Material	Sheet metal
Installation	Desktop mount; wall mount
Certifications	CE

Ordering Information Description Туре Part Number 10-Port Cloud Managed PoE Switch DH-CS4010-8GT-110 Desktop Gigabit Switch with 8-Port PoE

Installation



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