DH-CS4006-4GT-60-PAK

6-Port Desktop Gigabit Switch with 4-Port PoE

PoE2.0

- 4 × RJ45 Gigabit PoE ports, 2 × Gigabit ports.
- 60 W total PoE budget, 802.3af/at on all PoE ports, additional Hi-PoE on orange port.
- Wide operating temperature ranging from −10 °C to 55 °C.
- Supports VLAN, STP, RSTP and link aggregation.

Hi-PoE 60W (Orange Port)

In addition to the IEEE802.3af and IEEE802.3at standards, orange port also supports a maximum power output of 60W for powering high-power devices.

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).

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.

PoE Watchdog

Adopts the innovative PoE Watchdog. It enables the switch to automatically detect port status and restart the failed ports to recover connection in case of IPC connection exception.

Series Overview

Highly intuitive, the Access Switch can be used in local networks. With its full metal design, the switch has great heat dissipation and can operate in temperatures ranging-10°C to 55°C(+14°F to +131°F). It offers EMC and has protection against overvoltage, overcurrent, static electricity, lightning strikes, pulses and other types of interference. For the PoE series 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.

Scene

Suitable for scenes such as houses, factories and offices.

Technical Specification

Basic

Layer	Layer 2
Switching Capacity	12 Gbps
Packet Forwarding Rate	8.93 Mpps
Description of Function Slots	Port 1-4: 4 × RJ45 10/100/1000 Mbps (PoE); Port 5-6: 2 × RJ45 10/100/1000 Mbps (uplink)
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 Supply	External power supply: 53 VDC, 1.226 A
Power Consumption	Idling: ≤2.5 W Full load: 65 W
Statics Protection	Air discharge: 8 kV; Contact discharge: 6 kV
Lightning Protection	Common mode: 4 kV Differential mode: 2 kV
Net Weight	0.29 kg (0.64 lb)
Gross Weight	0.94 kg (2.07 lb)
Product Dimensions	130 mm × 90 mm × 26 mm (5.11" × 3.54" × 1.02") (L × W × H)
Packaging Dimensions	265 mm × 238 mm × 76 mm (10.43" × 9.37" × 2.99") (L × W × H)
Casing Material	Sheet metal
Installation	Desktop mount; wall mount

PoE

PoE	Yes
PoE Power	Port 1 ≤ 60 W, Port 2-4 ≤ 30 W, total ≤ 60 W
PoE Protocol	IEEE802.3af; IEEE802.3at; Hi-PoE
PoE Pin Assignment	1,2,4,5（V+），3,6,7,8（V-）
Long Distance PoE Transmission	Yes

Hardware

Reset Button	1

Performance

MTBF	222.36 years
Packet Buffer Size	4 Mbit
Jumbo Frame	15K Byte
MAC Table Size	8K
Communication Standard	IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3ab IEEE 802.3az IEEE 802.3ad
VLAN Number	32

Feature

Ethernet Loop Protection	STP/RSTP
VLAN Function	IEEE 802.1Q VLAN
Link Aggregation	Static Aggregation
Port Feature	IEEE 802.3x Flow Control Unknown Unicast Suppression Multicast Storm Control Broadcast Storm Control MAC+Port Binding Loop Prevention
Mirror	N:1 Mirroring Local Port Mirroring
Reliability	LLDP
DHCP Function	DHCP Client
Security	Port Isolation

General

Packing List	1 × Quick Start Guide 1 × Legal and Regulatory Information 1 × Power Adapter 1 × Power Cord

Transmission Performance

Switch power supply voltage 54V.
CAT6. Max. DC resistance < 8 Ω/100 m

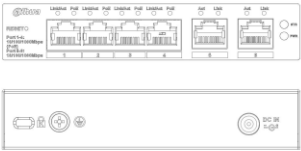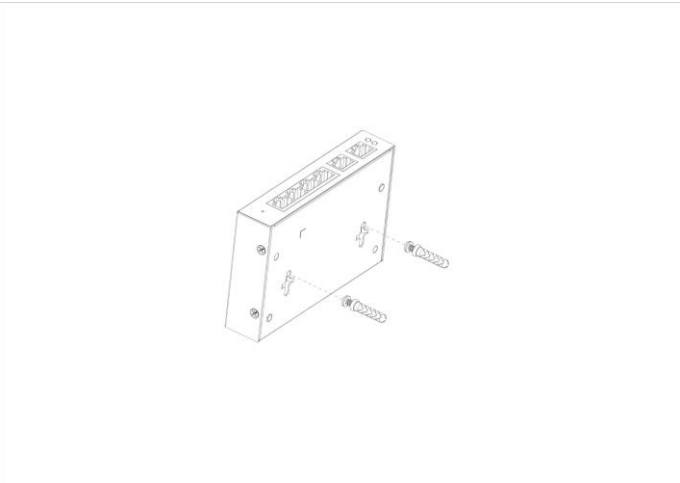| Cable(m)	Load Capacity(W)	Bandwidth(Mbps)
IEEE802.3bt 90W		
100	71.3	1000
150	62	10
200	51	10
250	40	10
Hi-PoE 60W		
100	46	1000
150	42	10
200	37	10
250	32	10
IEEE802.3at 30W		
100	25.5	1000
150	25.5	10
200	25.5	10
250	24	10

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.

Ordering Information

Type	Model	Description
PoE Switch	DH-CS4006-4GT-60-PAK	6-Port Access Desktop Gigabit Switch with 4-Port PoE

Installation

Dimensions (mm[inch])

Panels