

Technical Specification	
Hardware	
Included Power Adapter	Yes
PoE	Yes
Ethernet Port	24
Ethernet Port Speed	10/100/1000 Mbps
Optical Port Speed	1000 Mbps
Ethernet Port Uplink Speed	10/100/1000 Mbps
Optical Port Uplink Speed	1 Gbps
Description of Function Slots	Port 1-24: 24 × RJ-45 10/100/1000 Mbps (PoE); Port 25-26: 2 × RJ-45 10/100/1000 Mbps (uplink); Port 27-28: 2 × SFP 1000 Mbps (uplink)
Reset Button	1
Power Supply	Built-in power supply: 100-240 VDC, 47-63 Hz, max 4 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: ≤12.5 W ; Full load: 265 W
Performance	
Layer	Layer 2
Management Type	Yes
Smart Managed Switch	Yes
MTBF	67.80 years
Switching Capacity	56 Gbps
Packet Forwarding Rate	41.66 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; IEEE802.3z
Feature	
PoE Protocol	IEEE802.3af; IEEE802.3at; Hi-PoE; IEEE802.3bt
PoE Power	Port 1-2 ≤ 90 W, Port 3-24 ≤ 30 W, total ≤ 240 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	2.50 kg (5.5 lb)
Gross Weight	3.15 kg (6.93 lb)
Product Dimensions	440 mm × 220 mm × 44 mm (17.32" × 8.66" × 1.73") (L × W × H)
Packaging Dimensions	540 mm × 342 mm × 90 mm (21.26" × 13.46" × 3.54") (L × W × H)
Casing Material	Sheet metal
Installation	Desktop mount; rack mount

Ordering Information		
Type	Part Number	Description
PoE Switch	DH-CS4228-24GT-240	28-Port Cloud Managed Desktop Gigabit Switch with 24-Port PoE

Installation

