

24-port PoE 2.0 Managed Gigabit Ethernet Switch





- Layer 2 Network Management PoE Ethernet Switch
- Gigabit Ports
- Total PoE Budget: 360 W
- Twenty Six (26) 1000 Mbps Ethernet Ports and Two (2) 1000 Mbps Uplink Optical Ports
- Complies with IEEE802.3af, IEEE802.3at, Hi-PoE, and IEEE802.3bt Standards
- **Supports PoE 2.0**: Up to 90 W Output per Red Port, Long-Distance Transmission Up to 820 ft, PoE Watchdog, Intelligent PoE

System Overview

The DH-S4228-24GT-360 managed PoE switch comes with 24 gigabit PoE Ethernet ports and two (2) gigabit optical ports. Highly reliable, it can carry a full load of 360 W. It also has a strong switching capability and optimizes transmission performance when accessing Ultra HD videos. With its full metal design, the device has great heat dissipation and low power co sumption, working in environments ranging from-10°C to 55°C (+14°F to +131°F). It also has powerful network management functions, supporting various types of web and network management software based on SNMP. As part of our line of PoE 2.0 transmission products, this switch has PoE watchdog, long-distance transmission, Red Port 90 W, and intelligent PoE functions, ensuring it can handle the most demanding applications.

Functions

Minimal Web

Designed with a minimalist graphical WEB, easy to operate, which improves configuration efficiency.

All-gigabit Ports

Designed with large buffer memory and all-Gigabit ports, enabling highdefinition access of large stream.

Red Port 90W (PoE 2.0)

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

Long-Distance PoE (PoE 2.0)

By dialing or enabling long-range transmission on the WEB interface, 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 (PoE 2.0)

PoE Watchdog functionality allows for intelligent operation and maintenance management. With watchdog functionality enabled, the switch automatically detects port status and restarts failed ports to recover connection in case of an IPC connection exception.

Intelligent PoE (PoE 2.0)

Provides power consumption control and real-time monitoring to guarantee priority of power supply for important ports and prevent malfunctioning caused by power consumption change. Supports ultra wide power supply, able to adapt to IPC power fluctuation.

Transmission | DH-S4228-24GT-360

Technical Specification

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Environmental - 10°C to 55°C (+14°F to +131°F) Operating Hu=reture 5% to 95% (RH) Statics 6% V Protection 2% V Contact 6kV Discharge 6kV Uighting 6kV Differential 6kV Mode 2 kV Construct= 2 kV Construct= 3.405 kg (7.51 lb) Gross Weight 51 kg (9.94 lb) Froduct Dimes 440 mm × 300 mm × 44 mm (17.32 in × 11.81 in × 1.73 in.) Product Dimes 525 mm × 410 mm × 110 mm (20.67 in × 16.14 in × 4.33 in.) Certification= 525 mm × 410 mm × 1.0200 EN SIG32:2015 + A11: 2020 + A1: 2020 EN SIG32:2017 + A11: 2020 + A1: 2020 +					
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Product Dimensions440 mm × 300 mm × 4 mm (17.32 in. × 11.81 in. × 1.73 in.)Packaging Dimensions $525 \text{ mm } \times 410 \text{ mm } \times 100 \text{ mm}(20.67 in. × 16.14 in. × 4.33 in.)CertificationsIEC 62368-1:2014EN 55032:2015+A11:2020EN IEC 61000-3-2: 2019+A1:2020EN IEC 61000-3-2: 2019+A1:2021EN 61000-3-3: 2013+A1: 2019+A2:2021EN 55035:2017+A11:2020EN S5035:2017+A1: 2019+A2:2021EN 55035:2017+A1: 2019A1:2020EN S5035:2017+A1: 2019A1:2020EN S5035:2017+A1: 2019EN S5035:2017+A1: 2$					
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Packaging Dimensions (20.67 in. × 16.14 in. × 4.33 in.) Certifications IEC 62368-1:2014 Expansion IEC 62368-1:2014 Expansion Expose 200+A1:2020 Expose 200+A1:2020 Expose 200+A1:2020 Expose 200+A1:201+A1:2020 Expose 200+A1:2020 Expose 200+A1:201+A1:2020 Expose 200+A1:201+A1:2020 FCC 47 CFR FCC PartIS, Subject 200+A1:2014 Store 200+Voltage 200+Voltag					
IEC 62368-1:2014 EN 55032:2015+A11:2020 EN IEC 61000-3-2: 2J+A1:2021 EN 61000-3-3: 2013+A1: 2019+A2:2021 EN 55024: 2010+A1: 2019 EN 55034: 2011+A1: 2019 EN 55034: 2010+A1: 2019 EN 55034: 2011+A1: 2019 EN 55034: 2					
CE EN 55032:2015+A11:2020 EN IEC 61000-3-2: 2019+A1:2021 EN 61000-3-3: 2013+A1: 2019+A2:2021 EN 55032:2017+A11:2020 EN 55032:2017+A11:2014 FCC 47 CFR FCC PartIS, 2014 FCC 47 CFR FCC PartIS, 2014 Switch Power Supply Voltage=2000 VICATE 47 CFR FCC PartIS, 2014 Switch Power Supply Voltage=2000 VICATE 50000 VICATE Cable (m) Load ⊂apacity (W) Bandwidth (Mbps) IEEE802.3bt 90W 100 100 71.3 100 150 62 10					
FCC ANSI C63.4:2014 ANSI C63.4:2014 Transmission Perform= Switch Power Supply Voltage=>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>					
Switch Power Supply Voltage 53V CAT5E/CAT6 Max. DC Resistance <10 Ω/100 mCable (m)Load Capacity (W)Bandwidth (Mbps)IEEE802.3bt 90W10010010071.31001506210					
Switch Power Supply Voltage 53V CAT5E/CAT6 Max. DC Resistauce <10 Ω/100 mCable (m)Load Capacity (W)Bandwidth (Mbps)IEEE802.3bt 90W10010010071.31001506210					
Cable (m) Load Capacity (W) Bandwidth (Mbps) IEEE802.3bt 90W 71.3 100 150 62 10					
IEEE802.3bt 90W 71.3 100 100 62 10					
150 62 10					
200 51 10					
250 40 10					
Hi-PoE 60W					
100 53 100					
150 50 10					
200 47 10					
250 37 10					
IEEE802.3at 30W					
100 25.5 100					
150 25.5 10					
200 25.5 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.

10

25.5

250

Transmission | DH-S4228-24GT-360

Ordering Information			
Туре	Part Number	Description	
SFP Module	GSFP-1310T-20-SMF	1.25G 1310/1550nm, 20 km, LC, Single-mode	
	GSFP-1310R-20-SMF	1.25G 1550/1310nm, 20 km, LC, Single-mode	
	GSFP-1310-20-SMF	1.25G 1310nm, 20 km, LC, Single-mode	
	GSFP-850-MMF	1.25G 850nm, 550 km, LC, Single-mode	

