

 \* The parameters and datasheets below can only be applied to V2.0 (version 2.0)

- > Intelligent PoE
- > 8-pin assignment PoE power supply
- > Long distance PoE
- > PoE watchdog
- > BT 90W
- > All-giga ports
- > Wide working temperature



#### Ordering Information

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Type	Model	Description
PoE Swtich	DH-PFS3010-8GT-96	Dahua 10-Port Unmanaged Desktop Switch with 8 Port PoE
	PFS3010-8GT-96	10-Port Unmanaged Desktop Switch with 8 Port PoE

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#### Specification

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##### Hardware

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Data Transmission Port	Port 1-8: 8 × RJ-45 10/100/1000 Mbps (PoE) Port 9-10: 2 × RJ-45 10/100/1000 Mbps (Uplink)
Power Supply	48 V – 57 V DC
Operaing Temperature	-10 °C to +55 °C (+14°F to +131°F)
Operating Humidity	5% – 95% (RH)
Storage Temperature	-20 °C to +70 °C (-4°F to +158°F)
Storage Humidity	5% – 95%(RH)
Power Consumption	Idling: 3 W Full load: 96 W

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## Performance

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Capacity	20 Gbps
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Packet Forwarding Rate	14.88 Mpps
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Packet Buffer Memory	1.5 Mbit
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MAC Table Size	4K
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Communication Standard	IEEE802.3/IEEE802.3u/IEEE 802.3ab/IEEE802.3x
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## PoE

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PoE Standard	IEEE802.3af; IEEE802.3at; Hi-PoE; IEEE802.3bt
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PoE Power	96 W
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Power Consumption Management	Yes
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PoE Pin Assignment	1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)
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Long Distance PoE	250 m long distance PoE transmission
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## General

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Statics Protection	Air discharge: 8 kV Contact discharge: 6 kV
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Thunder-proof	Common mode: 4 kV Differential mode: 2 kV
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Net Weight	0.50 kg (1.10 lb)
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Gross Weight	1.32 kg (2.91 lb)
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Product Dimensions

190 mm × 100 mm × 30 mm (7.48" × 3.94" × 1.18")

Transmission Performance:

Switch power supply voltage 53V.  
CAT5E/CAT6. Max. DC resistance < 10 Ω/100 m

Cable(m)	Load Capacity(W)	Bandwidth(Mbps)
IEEE802.3bt 90 W		
100	71.3	1000
150	62	10
200	51	10
250	40	10
Hi-PoE 60 W		
100	53	1000
150	50	10
200	47	10
250	37	10
IEEE802.3at 30 W		
100	25.5	1000
150	25.5	10
200	25.5	10
250	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.

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