

# Unmanaged PoE+ Switch

8\*100M POE+2\*GE RJ45 POE Switch

## DES-P82MG



**ELEVATE YOUR CONNECTIVITY WITH  
OUR LATEST NETWORK SWITCHES**



# DATASHEET

## DES-P82MG

8 Ports Full Gigabit PoE Switch with 2\*SFP slot

- ☆ 8\*10/100M POE+ 2\*10/100/1000M RJ45 Port PoE Switch, 1-8 ports support af/at;
- ☆ Comply with IEEE 802.3, IEEE 802.3u standards;
- ☆ PoE port support AF/AT intelligent recognition. Standard power is 15.4W/port, Maximum power: 30W/port;
- ☆ With a DIP switch, AI watchdog
- ☆ E; 1-8 port, Extend 300meters transmission with limit 10Mbps.
- ☆ V; 1-8 Port support each port Isolation & VLAN;
- ☆ Supports POE devices such as wireless access points (APs) and network surveillance cameras through Category 5/6 Ethernet cables;
- ☆ The Power supply is 120W;
- ☆ 3 year warranty (T&C)



## Introduction;

The DES-P82MG is a 10/100M unmanaged PoE switch. It has 8\*10/100M PoE ports and 2\*10/100/1000M uplink RJ45 ports. Port 1-8 can support IEEE 802.3af/at standard PoE power supply, and single port PoE power reaches 30W. The maximum PoE output power is 120W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP, visual intelligent building intercom through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprises.

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## Technical Specifications;

Model	DES-P82MG
Fixed Port	8*10/100Base-T/TX PoE ports (Data/Power) 2*10/100/1000Base-T/TX Uplink RJ45 ports (Data)
POE Port	Port 1-8 support PoE
Feature	With the Dial code switch, E: AI Extend 300meters transmission; V: Turn on, 1-8 Port support each port Isolation & VLAN; Support Watchdog function by default: 1-8 Port support AI-PoE Network self-healing mode (PoE Watchdog function), Automatic solve the camera problem & reduce after-sale.
Fan	Non-Fan, silent working status can satisfy more users with different requirement
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3x.
PoE Standard	IEEE802.3af/at
Ethernet Port	10/100Base-T(X) automatic detection, full/half Duplex MDI/MDI-X adaptive
Switching Capacity	5.6Gbps
Forwarding Rate	4.1664Mpps
MAC	4K
Buffer Memory	1.25M
Twisted Pair	10BASE-T:Cat5 UTP( $\leq 300$ meter)
Transmission	100BASE-TX:Cat5 or later UTP( $\leq 100$ meter)
Power Supply Pin	Default 1/2(+), 3/6(-)
MAX / AVERAGE Power Per Port	30W/15.4W
Power Budget	120W
Power Consumption	Standby:<4W;Full load:<120W
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-4(Link/Act)/ (Green),5-6(Link/Act)/ (Green)
Power Supply	Build-in power adaptor AC100~240V 50-60Hz,120W
Operation TEMP / Humidity	-20~+55°C:5%~90% RH non condensing
Dimension	195*130*40mm

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Net /Gross Weight	<1kg
Protection	IEC61000-4-2(ESD): $\pm 8\text{kV}$ contact discharge, $\pm 15\text{kV}$ air discharge IEC61000-4-5(Lightning protection/Surge): Power:CM $\pm 4\text{kV}$ / DM $\pm 2\text{kV}$ ; Port: $\pm 4\text{kV}$
Protection Level	IP30
Certification	FCC; CE mark, commercial;CE/LVD EN60950; FCC Part 15 Class B;RoHS
Warranty	3 year warranty (T&C)

## Packaging List

CONTENT	QTY	UNIT
10 Ports 100M PoE Switch Uplink (DES-P82MG)	1	SET
User guide	1	SET
Warranty card	1	SET

