

# Unmanaged PoE+ Switch

8\*GE POE+2\*GE RJ45 PoE Switch

## DES-P82G



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



# DATASHEET

## DES-P82G

### 10 Ports Full Gigabit PoE Switch

- ☆ 8\*10/100/1000M POE Port + 2\*10/100/1000M RJ45 Port PoE Switch, 1-8 ports support IEEE 802.3af/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, Watch dog by default
- ☆ E; 1-8 port, Extend 300 meters 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-P82G is a gigabit unmanaged Fiber PoE switch. It has 8\*10/100/1000Base-T POE ports + 2\*1000M RJ45 ports. Port 1-8 can support IEEE 802.3af/at standard PoE power supply. single port PoE power reaches 30W, and 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 phone, building visual access control intercom, etc. through a network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, parks, shopping malls, scenic spots, hospitals, factory dormitory and small and medium-sized enterprise.

## Technical Specifications;

Model	DES-P82G
Fixed Port	8*10/100/1000Base-T/TX PoE ports (Data/Power) 2*100/1000Base-T/TX Uplink RJ45 ports (Data)
POE Port	Port 1-8 support PoE @ IEEE802.3af/at
Feature	With the Dial code switcht E: AI Extend 300meters transmission V: Turn on, 1-8 Port support each port Isolation & VLAN; 1-8 Port support AI-PoE Network self-healing mode (PoE Watchdog function), Automatic solve the camera problem &reduce after-sale.
Network Protocol	IEEE802.3 10BASE-T; TX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000base-X; IEEE802.3x.
PoE Standard	IEEE802.3af/at
Ethernet Port	10/100Base-T(X) 10/100/1000 Base-T automatic detection, full/half Duplex MDI/MDI-X adaptive
Switching Capacity	20Gbps
Forwarding Rate	14.88Mpps
MAC	8K
Buffer Memory	4M
Twisted Pair Transmission	10BASE-T: Cat5 UTP (≤300 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5 or later UTP (≤100 meter)
Power Supply Pin	Default 1/2(+), 3/6(-);
MAX / AVERAGE Power Per Port	30W/15.4W
Power Budget	120W
Power Consumption	Standby:<2W; Full load:<120W
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-8(Link/Act)/ (Green),9-10(Link/Act)/ (Green),/ (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

# DATASHEET

Net /Gross Weight	<1kg
Protection	Port lightning protection: 4KV 8/20us;
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 with Build-in (DES-P82G)	1	SET
User guide	1	SET
Warranty card	1	SET

