

# Unmanaged PoE+ Switch

4\*GE POE=2\*GE (65)

## DES-P42G



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



# DATASHEET

## DES-P42G

6 Ports 100G PoE Switch with Build-in Power Adapter

- ☆ 4\*10/100G + 2\*100G RJ45 Ports PoE Switch, 1-4 ports support IEEE 802.3af/at;
- ☆ Comply with IEEE 802.3, IEEE 802.3u IEE802.3ab, IEE802.3z standards;
- ☆ PoE port support AF/AT intelligent recognition. Standard power is 15.4W/port, Maximum power: 30W/port;
- ☆ Support AI Watchdog, Port self-healing, VLAN, extend 300meter distance, Auto Speed Change, Priority port & reduce the after-resale;
- ☆ Supports POE devices such as wireless access points (APs) and network surveillance cameras through Category 5/6 Ethernet cables;
- ☆ The power supply total is 65W;
- ☆ 3 year warranty (T&C)



## Introduction;

The DES-P42G series is an unmanaged PoE switch, it has 4\*100/1000 PoE ports + 2\*100/1000 RJ45 Ports PoE Switch, Port 1-4 can support IEEE 802.3af/at standard PoE power supply, single port PoE power up to 30W, and the maximum POE output power is 65W. 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, video access control intercom, etc. through network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, factory quarters and small and medium-sized enterprises to form an economy. Efficient network

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## Technical Specifications;

Model	DES-P42G
Fixed Port	4*100/1000Base-T/TX PoE ports (Data/Power) 2*100/1000Base-T/TX RJ45 ports (Data)
POE Port	Port 1-4 support PoE @ IEEE802.3af/at
Feature	With the Dial code switch, E: AI Extend 300meters transmission; V: Turn on, 1-4 Port support each port Isolation & VLAN; Support Watchdog function by default: 1-4 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; IEEE802.3ab 1000Base-T; IEEE802.3z 1000base-X; IEEE802.3x.
PoE Standard	IEEE802.3af/at
Ethernet Port	10/100Base-T(X) automatic detection, full/half Duplex MDI/MDI-X adaptive
Switching Capacity	1.2Gbps (non-blocking)
Forwarding Rate	0.89Mpps
MAC	2K
Buffer Memory	768M
Twisted Pair Transmission	10BASE-T: Cat5 UTP ( $\leq 300$ meter) 100BASE-TX: Cat5 or later UTP ( $\leq 100$ meter) 1000BASE-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	65W
Power Consumption	Standby:<5W; Full load:<60W
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,60W
Operation TEMP / Humidity	-20~+55°C:5%~90% RH non condensing
Dimension	195*130*40mm

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Net /Gross Weight	<0.55kg / <1kg
Protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-5(Lightning protection/Surge): Power:CM±4kV/ DM±2kV; Port: ±4kV
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
4 Ports PoE with 2*100/1000 RJ45 (DES-P42G)	1	SET
Hanging Ear	1	PAIR
User guide	1	SET
Warranty card	1	SET