

4 Port Full Gigabit POE Switch (4+2)

DK1000-4TP2G

Overview

The DPTEK PoE switch provides power and data from a single point, using Power over Ethernet (PoE) over a single Cat-5 cable. It can be used for any 10/100/1000Mbps link and supply industry-standard IEEE 802.3af/at power. Advanced auto-sensing algorithm gives power to 802.3af/at end devices, In addition, the PoE switch automatically determines PoE requirements, speed, duplex, and cable type using Auto Uplink. Easy to operate and reliable.

The PoE switch is ideal for powering PoE devices such as IP cameras, WLAN access point, IP phones, office access control systems, and other PD devices and offers a line of high quality products that provide a total solution for Ethernet application in different environments.

DK1000-4TP2G



- ◆ 4*10/100/1000Mbps POE port, 2*10/100/1000Mbps UP-Link port
 - ◆ 100m Transmission Distance, 1-4 port support VLAN mode
 - ◆ Support the Watchdog function
 - ◆ Whole Power:65W (52V1.25A)
 - ◆ All port supported by MDI/MDIX auto flip and self negotiation
 - ◆ Supply 4pcs 10/100/1000Mbps adaptive high speed forwarding data packet non-lost port.
 - ◆ Add high level lightning protection device, up to 6000V.
 - ◆ Each port max. power supply reached 30W.
 - ◆ Low heat design, safe and reliable, high stability
- Application: Wireless Access Point IP Camera
IP Phone Computer Networks

Technical specification

| | | |
|-------------------|---|-------------------------|
| Product Name | 4 Port 10/100/1000M POE Switch (4+2) | |
| Product Model | DK1000-4TP2G | |
| Data Pin | 1/2+,3/6- | |
| Power Supply Type | Build in, 1/2+,3/6 | |
| PoE Output Power | 30W | |
| Connector | 4*10/100/1000Mbps POE port, 2*10/100/1000Mbps uplink port | |
| Network Medium | Cat6 (UTP) or more | |
| Technology | | |
| Network Standards | IEEE 802.3i 10BASE-T | IEEE 802.3z 1000BASE-TX |

| | |
|----------------------------------|---|
| | IEEE 802.3x Flow Control IEEE 802.3af/at Power over Ethernet |
| PoE power | 30W per port(IEEE802.3af/at). Wiring: Data & power provided over pairs 1/2 +3/6- 4/5+ 7/8- |
| Processing types | Store-and-forward Half-duplex back pressure and IEEE 802.3x full-duplex flow control |
| Address database Table Size | 2K MAC address entry |
| Buffer memory | 48Kb embedded memory per unit |
| Backboard Bandwidth | 12Gbps Full duplex |
| Network Latency | Less than 20us for 64 byte frames in store-and-forward mode for 1000Mbps to 1000Mbps transmission |
| Power | |
| Input | AC 110V-240V |
| PoE power consumption | 30W per port(IEEE802.3af/at) |
| Overload current protection | Present |
| Mechanical | |
| Casing | Metal |
| Installation | Desktop |
| Interface | |
| LED Indicators | System: Power, PoE Maximum power Per port: Link, Activity, Speed, PoE active, PoE error |
| Environment specification | |
| Operating temperature | -10-55℃(32-104℉) |
| Storage temperature | -40-70℃(14-158℉) |
| Operating humidity | 90% maximum relative humidity, non-condensing |
| Storage humidity | 95% maximum relative humidity, non-condensing |
| Dimensions | 202*140*45mm(L*W*H) |
| Weight | N.W:0.85Kg G.W:1Kg |

Packing Contents

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|--------------|------------------------|
| Package List | DK1000-4TP2G *1 |
| | User Guide*1 |
| | Warranty Card*1 |
| | Power cable*1 |

