
Planet FSD-604HP 4-Port 10/100TX 802.3af/at PoE + 2-Port 10/100TX Desktop Switch (60 Watts)

[Product Images](#)

Product Code: C04-4803



Short Description

The PLANET FSD-604HP Desktop Switch provides four 802.3at PoE+ ports for catering to small-scale IP surveillance networks at a lower total cost. With dual 10/100BASE-TX uplink ports, the recorded HD video files from the 4 PoE IP cameras powered by the FSD-604HP are saved in the 4-channel NVR system. Its surveillance software performs comprehensive security monitoring and manages the surveillance system in the local LAN or remote site via Internet.

Features

RJ45 Interface

6 10/100Mbps Fast Ethernet ports
4 ports supporting 52V DC power to PoE powered device

Power over Ethernet

Complies with IEEE 802.3af/at Power over Ethernet end-span
Up to 4 IEEE 802.3af/2 IEEE 802.3at devices powered
Supports PoE power up to 30 watts for each PoE port
60-watt PoE budget
Hardware DIP switch for "Standard" and "Extend" mode selection; the "Extend" mode features 30-watt PoE transmit distance of 250m at speed of 10Mbps and VLAN isolation
Auto detects powered device (PD)
Circuit protection prevents power interference between ports
Remote power feeding up to 100m in the standard mode

Switching

Hardware-based 10/100Mbps auto-negotiation and auto MDI/MDI-X
Flow control for full duplex operation and back pressure for half duplex operation
1536bytes packet size
Integrates address look-up engine, supporting 2K absolute MAC addresses
Automatic address learning and address aging
Solid DIP switch to isolate ports to prevent broadcast storm and defend DHCP spoofing

Hardware

Desktop palm size
LED indicators for PoE ready/activity and LINK/ACT
Supports contact discharge of $\pm 4\text{KV}$ DC and air discharge of $\pm 6\text{KV}$ DC for Ethernet ESD protection
Supports $\pm 4\text{KV}$ surge immunity
Internal AC power supply

Hardware Specifications

Network Connector 6-port RJ45 for 10/100BASE-TX, auto MDI/MDIX
PoE Inject Port 4-port with 802.3af/at PoE injector function (Port-1 to Port-4)

LED Display System:

System Power (Orange)

Per PoE port:

PoE (Orange, Port 1 to Port 4)

LNK/ACT (Green, Port 1 to Port 6)

DIP Switch

100m distance in standard mode

250m distance in extend mode (based on the cable category)

Switch Architecture: Store and Forward switch architecture

MAC Address Table: 2K MAC address table with auto learning function

Switch Fabric: 1.2Gbps

Switch Throughput: 0.89Mpps @64bytes

Maximum Packet Size: 1536bytes

Flow Control: Back pressure for half duplex. IEEE 802.3x pause frame for full duplex

Power Requirements: AC 100~240V, 2A max.

Power Consumption: Max. 63 watts, 214 BTU

Dimensions: (W x D x H) 168 x 93 x 32 mm

Weight: 499g

ESD Protection

Contact discharge of ± 4 KV DC

Air discharge of ± 6 KV DC

Surge Immunity ± 4 KV

Power over Ethernet

PoE Standard

IEEE 802.3af Power over Ethernet/PSE

IEEE 802.3at Power over Ethernet Plus/PSE

PoE Power Supply Type: End-span

Power Pin Assignment: 1/2(+), 3/6(-)

PoE Power Output:

Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3af)

Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3at)

PoE Power Budget: 60 watts
Number of PDs, 7 watts: 4
Number of PDs, 15.4 watts: 4
Number of PDs, 30 watts: 2

Standard Conformance

EMI Safety CE, FCC
Standard Compliance IEEE 802.3 Ethernet
IEEE 802.3u Fast Ethernet
IEEE 802.3x Flow Control
IEEE 802.3af Power over Ethernet
IEEE 802.3at Power over Ethernet Plus

Environment

Operating Environment 0 ~ 50 degrees C
Storage Environment -10 ~ 70 degrees C
Operating Humidity 5 ~ 95%, relative humidity, non-condensing
Storage Humidity 5 ~ 95%, relative humidity, non-condensing

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