

8-Port 10/100Mbps PoE Switch (Model: PS800i)

INTRODUCTION

PS800i features IEEE 802.3af and IEEE 802.3at High Power PoE capabilities that offer a combined power output of upto 30w over Cat.5e/6 Ethernet cable. With a total PoE budget of 65watts, 90watts or 120watts for the whole system, PS800i is designed specifically to satisfy the growing demand of higher power consuming networking application such as video surveillance, wireless Access Points and no configuration is required.

FEATURES

- Complies with IEEE 802.3, 10BASE-T, IEEE 802.3u, 100BASE-TX
- Complies with IEEE802.3af/at Standard
- 8-Port supports Power over Ethernet (Port 1~8)
- Supports PoE power up to 30 watts for each PoE port
- Internal Power 65Watts, 90Watts or 120Watts
- Auto-detection and protection of non-standard PoE device
- Over Current Protection / Over Temperature Protection / Over Voltage Protection
- Remote power feeding up to 100meters
- Made of metal and desktop / wall-mount design

HARDWARE SPECIFICATION

- Standard IEEE 802.3 10Base-T
IEEE 802.3u 100Base-TX
IEEE 802.3x flow control and back pressure
IEEE 802.3af Power over Ethernet
IEEE 802.3at Power over Ethernet Plus
- Copper Ports 8 10/100BASE-T RJ45 auto-MDI/MDI-X ports
- Switch Architecture Store-and Forward
- Switch Fabric 1.6Gbps/no-blocking
- Address Table 1K entries,
Automatic source address learning and ageing
56KB
- Share Data Buffer
- Flow Control IEEE 802.3x pause frame for full-duplex
Back pressure for half-duplex
- Filtering/Forwarding Rates 10Mbps port-14,880pps
100Mbps port-148,800pps



POWER OVER ETHERNET

- PoE Standard IEEE 802.3af Power over Ethernet
IEEE 802.3at Power over Ethernet Plus
- PoE Power Supply Type End-span
- PoE Power Output Per Port 56V DC, Max. 30 watts
- Power Pin Assignment 1/2(+), 3/6(-)
- PoE Power Budget 65 watts or 90 watts or 120 watts

LED INDICATORS

- PWR / LAN 1~8 / PoE 1~8

PHYSICAL SPECIFICATION

- Item dimensions (WxDxH): 160 x 123 x 44 mm

POWER

- 100~240V AC, 50/60Hz

CERTIFICATION

- FCC / CE

OPERATING ENVIRONMENT

- Operating temperature: 0 – 40°C
- Storage temperature: -20 – 70°C
- Humidity: 20 – 95% non-condensing

ORDER INFORMATION

Model	Description
PS800i-65	8-Port 10/100Mbps PoE Switch (65 watts)
PS800i-90	8-Port 10/100Mbps PoE Switch (90 watts)
PS800i-120	8-Port 10/100Mbps PoE Switch (120 watts)