

# PS0852-AI

**8 Port 10/100Mbps 8Port POE +2 Gigabit**



## Key Features

- Up to 30W of Power on IEEE 802.3af/at
- Compatible With All IEEE 802.3af/at or Legacy
- Safe: Low Power Devices Receive Only the Power They Need
- Safe and Reliable Power to WLAN Access Points
- Automatic Detection and Protection of Non-standard Ethernet Terminals
- Supports 10/100 Base-T applications
- Compact Design Fits Easily in WLAN Access
- Plug-and-Play no configuration required
- Internal power supply
- Easy installation and maintenance
- Save up to 83% power with Green Technology, complies to IEEE 802.3af POE standard and is backward

## Technical Specification

<b>Hardware Specification</b>	100/1000Mbps Copper Ports	8* 10/ 100Base-TX RJ-45 Auto-MDI/MDI-X ports
	1000Mbps Copper Ports	2* 10/100/1000Mbps RJ-45 Auto-MDI/MDI-X ports
	SFP/mini-GBIC Slots	2* 1000Base-SX/LX, shared with Port-9~Port-10 combo
	Switch Architecture	Store-and-Forward
	Switch Fabric	5.6 Gbps / non-blocking
	Switch Throughput	4.17Mpps @64Bytes
	Address Table	8K entries
	Share Data Buffer	512Kbytes
	Maximum Frame Size	9K Bytes
	Flow Control	Back pressure for Half-Duplex IEEE 802.3x Pause Frame for Full-Duplex
	LED	Power ( yellow ) ;POE(yellow) 10/100 LINK / ACT (Green) 1000 ACT(Green);1000 LINK(yellow)
	Reset Button	< 5 sec: System reboot > 5 sec: Factory Default
	Dimension (W x D x H)	250 x 150 x 44 mm, 1U height/1.6kg
	Power Requirement	100~240V AC, 50-60 Hz
<b>Power Consumption / Dissipation</b>		150 Watts maximum /510 BTU/hr maximum
<b>Power over Ethernet</b>	POE Standard	IEEE 802.3af/at Power over Ethernet / PSE
	POE Power Supply Type	End-Span
	POE Power Output	Per Port 52V DC, 350mA~600ma . Max. 30 Watts
	Power Pin Assignment	1/2(+), 3/6(-)
	POE Power Budget	130 Watts
	Max. number of Class 3 PD	8
<b>Standards Conformance</b>	Standards Compliance	IEEE802.3:10Base-T IEEE802.3u: 100BaseTX IEEE802.3z:1000Base-SX/LX IEEE802.3ab:1000Base-T
<b>Environment</b>	Operating	Temperature: 0 ~ 50 Degree C Relative Humidity: 20 ~ 95%
	Storage	Temperature: -10 ~ 70 Degree C Relative Humidity: 20 ~ 95% (non-condensing)