



# eToETH - PSE818/814 Gigabit POE Switch

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## OVERVIEW

Modern business networks are used for increasingly diverse applications - traditional data streams , VOIP voice traffic , video output from digital security cameras and remote control devices to name a few. The range of devices attached to Today's converged network often need to be supported not just in terms of data - equipment such as VOIP IP telephones and Wireless Access Points frequently need to be powered in physical locations where mains power is not available or difficult to deliver.

Providing power to such devices via an Ethernet UTP cable is an elegant and easy to implement solution.

The 4/8 port 10/100/1000Mbps POE switch offers advanced switching control

and provides power to network devices using Ethernet cables . This scalable and cost effective solution allows a managed network to efficiently expand to previously unattainable levels .

The feature rich 8 port switch offers advanced network management , Link aggregation, VLAN, Trunking and QoS technology to meet the accelerating demand for secure manageable networks. LED displays show device status for easy power management and troubleshooting. POE technology conveniently eliminates the need to install networked devices, such as IP cameras and access points, near a power outlet, thereby reducing equipment and installation costs.

It can power both existing 10/100Base-T network devices and emerging wireless 1000Base-T devices such as Wi-MAX and wireless IEEE 802.11n Access Points.



## Spec

Chipset	PD69008/RTL-8368S
Pass Through Data Rates	8-Port 10/100/1000 Mbps
LED Power	10/100,1000, Link/Act , PoE
Power over Ethernet Output Pin	Assignment and Polarity 1/2 (+), 3/6 (-)
Output Power Voltage	48V DC
User Port Power	>28Watts /600ma
Total Power	130W
Input Power AC Input Voltage	100 to 240 V AC
Requirements AC Input Current	2A @ 100-240 V AC
AC Frequency	50 to 60 Hz
Indicators	System Indicator: AC Power (Green)
User Indicator	Channel Power
Connectors	Shielded RJ-45, EIA 568A and 568B
Environmental Conditions	Operating Ambient Temperature: -10 to 45oC
Reliability MTBF	296,000 hrs. @ 25oC
Thermal Rating	27 BTU/Hr (@240VAC)
Warranty	1 Year
Regulatory	IEEE 802.3at
Compliance	RoHS , CE, FCC

## Feature

- Compliance EuP Standards
- Smart Power Saving
- Up to 30W of power on 2 pairs
- IEEE 802.3at compliant with 2 event classification
- IEEE802.3at backward compatible
- Compatible with All IEEE802.3at or Legacy
- Safe: Lower Power Devices only the Power They Need
- Safe and Reliable Power to WLAN Access Points
- Automatic Detection and Protection of Non-standard Ethernet Terminals
- 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