

EYR-PS8P1R1S

Eyora PoE Switch — 8 Ports · Gigabit · RJ45 & SFP Uplinks

THE BACKBONE OF EVERY SYSTEM.



OVERVIEW

The EYR-PS8P1R1S is an 8-port Gigabit PoE Ethernet switch designed for powering and connecting IP cameras, wireless access points and other PoE network devices. It provides eight PoE ports, one Gigabit RJ45 uplink and one 1.25 Gbps SFP fibre uplink, with 24 Gbps non-blocking switching so every port runs at full speed at once. A total PoE budget of 120 W makes it well suited to small and medium surveillance installations.

KEY FEATURES

- 8 Gigabit PoE ports — 120W total budget
- All 8 ports at 802.3af, or up to 4 at full PoE+
- 24 Gbps non-blocking switching — full speed on every port at once
- 1 Gigabit RJ45 uplink and 1 × 1.25 Gbps SFP fibre uplink
- IEEE 802.3af and 802.3at compliant
- Fanless — silent operation, no moving parts
- Metal housing
- Surge protection to IEC 61000-4-5 Level 3
- Plug and play — no configuration required
- 5-year hardware warranty

SPECIFICATIONS

PORTS

PoE Ports	8 × 10/100/1000Mbps RJ45, auto-negotiating
RJ45 Uplink	1 × 10/100/1000Mbps RJ45
SFP Uplink	1 × SFP, 1.25 Gbps
Total Ports	10
Transmission Distance	RJ45: up to 100m; SFP: per optical module specification
Transmission Media	RJ45: Cat5e / Cat6 UTP; SFP: LC connector

POWER OVER ETHERNET

PoE Standard	IEEE 802.3af (15.4W) and IEEE 802.3at (30W)
PoE Method	End-span (Mode A), pins 1/2 and 3/6
Total PoE Budget	120W
Per-Port Output	Up to 30W
Capacity at Full Load	All 8 ports at 802.3af (up to 15W each), or up to 4 ports at 802.3at (30W)
PoE Port Detection	Automatic — non-PoE devices receive data only

SWITCHING

Network Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T
Switching Capacity	24 Gbps, non-blocking
Forwarding Mode	Store-and-forward
MAC Address Table	8K entries
Jumbo Frame	Up to 9,216 bytes
Auto MDI/MDI-X	Supported — straight or crossover cables
Management	Unmanaged — plug and play

POWER

Input Voltage	AC 100-240V, 50/60Hz
Internal Supply	DC 52V
Power Consumption	Switch: <5W; total with PoE: <125W

INDICATORS

Power	1 × green LED
SFP Link	1 × green LED, on when linked
PoE Status	8 × yellow LED, one per PoE port
Link / Activity	8 × green LED on RJ45 jack — on when linked, flashing on data

PROTECTION

Surge Immunity	Level 3, IEC 61000-4-5
Electrostatic Discharge	Contact Level 3, Air Level 3, IEC 61000-4-2

ENVIRONMENT

Operating Temperature	-10°C to +55°C
Storage Temperature	-40°C to +85°C
Operating Humidity	0% - 95% RH (non-condensing)
Cooling	Fanless

MECHANICAL

Dimensions (L × W × H)	202 × 140 × 45 mm
Housing	Metal
Colour	Black
Weight	1.5 kg
Mounting	Desktop or wall; rack-mountable with optional brackets

RELIABILITY & COMPLIANCE

MTBF	> 50,000 hours
Warranty	5 years, hardware
Certifications	CE, FCC, RoHS