

EYR-PS4P1R1S

Eyora PoE Switch — 4 Ports · Gigabit · RJ45 & SFP Uplinks

THE BACKBONE OF EVERY SYSTEM.



OVERVIEW

The EYR-PS4P1R1S is a 4-port Gigabit PoE Ethernet switch designed for powering and connecting IP cameras, wireless access points and other PoE network devices. It provides four PoE ports, one Gigabit RJ45 uplink and one 1.25 Gbps SFP fibre uplink, with 12 Gbps non-blocking switching so every port runs at full speed at once. A total PoE budget of 65 W makes it well suited to reliable surveillance and network installations.

KEY FEATURES

- 4 Gigabit PoE ports — 65W total budget
- All 4 ports at 802.3af, or up to 2 at full PoE+
- 12 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
- Extended PoE mode — up to 250m at 10Mbps
- 8K MAC address table, 10K jumbo frame support
- Auto MDI/MDI-X — no crossover cables needed
- Metal housing
- Plug and play — no configuration required
- 5-year hardware warranty

RELIABILITY & COMPLIANCE

Power Supply	External adapter
Input Voltage	AC 100–240V, 50/60Hz
Power Consumption	Switch: <5W; total with PoE: <70W
Certifications	CE, FCC, RoHS

SPECIFICATIONS

PORTS

PoE Ports	4 × 10/100/1000Mbps RJ45, auto-negotiating
RJ45 Uplink	1 × 10/100/1000Mbps RJ45
SFP Uplink	1 × SFP, 1.25 Gbps
Total Ports	6
Transmission Distance	RJ45: up to 100m at 1000Mbps 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	65W
Per-Port Output	Up to 30W
Capacity at Full Load	All 4 ports at 802.3af (up to 15W each), or up to 2 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	12 Gbps, non-blocking
Forwarding Mode	Store-and-forward
MAC Address Table	8K entries
Jumbo Frame	Up to 10K bytes
Auto MDI/MDI-X	Supported — straight or crossover cables
Management	Unmanaged — plug and play

POWER

Power Supply	External adapter
Input Voltage	AC 100–240V, 50/60Hz
Power Consumption	Switch: <5W; total with PoE: <70W

INDICATORS

Power	1 × green LED
SFP Link	1 × green LED, on when linked
PoE Status	4 × yellow LED, one per PoE port
Link / Activity	4 × 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 Cooling

MECHANICAL

Dimensions (L × W × H)	202 × 140 × 45 mm
Housing	Metal
Colour	Black
Weight	1 kg
Mounting	Desktop, Wall or Rack Mount with additional Mounting bracket.