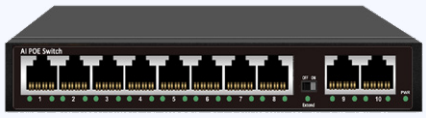
EN-APS8P

# EURONET AI POE SWITCH – 8 PORT

## PoE Switch | AI PoE Watchdog | 120W



| | |
|---|---|
| POE PORTS<br>**8 × 10/100Mbps** | UPLINK PORTS<br>**2 × 10/100Mbps** |
| POE BUDGET<br>**120W** | POE STANDARD<br>**802.3af/at/bt** |
| BANDWIDTH<br>**2.0Gbps** | WARRANTY<br>**1 Year** |

### OVERVIEW

The EURONET EN-APS8P brings the same AI-managed PoE platform to eight powered ports, for mid-sized camera runs, wireless access-point clusters and VoIP phones. It has eight 10/100Mbps PoE ports and two 10/100Mbps uplink ports back to the core network, with a 120W PoE power budget. The onboard AI PoE Watchdog monitors ports 1–8 and automatically power-cycles any device that freezes. IEEE 802.3af/at/bt support covers standard, PoE+ and PoE++ devices, ports 7–8 deliver up to 60W, and 6KV surge and 8KV ESD protection guard the line in a 187 × 139 × 43mm body.

### KEY FEATURES

**AI PoE Watchdog**
Monitors ports 1–8 and automatically power-cycles any PoE device that stops responding, with no visit

**802.3af/at/bt Compliant**
Powers standard, PoE+ and PoE++ devices; ports 1–6 give up to 30W each and ports 7–8 up to 60W each

**8 PoE + 2 Uplink Ports**
Eight 10/100Mbps PoE ports plus two 10/100Mbps RJ45 uplink ports linking back to the core network

**120W Power Budget**
AC input with up to 120W total PoE output, giving headroom for mixed cameras, APs and VoIP phones

**Surge & ESD Protected**
6KV lightning protection to IEC61000-4-5 and 8KV ESD protection to IEC61000-4-2 on the switch

**Long PoE Reach**
Ports 1–2 reach 250m at 10Mbps and ports 3–8 reach 130m at 100Mbps for cameras far from the rack

### TECHNICAL NOTE

EN-APS8P: AI PoE switch, 8 × 10/100Mbps PoE + 2 × 10/100Mbps uplink (RJ45). IEEE 802.3af/at/bt, AI PoE Watchdog on ports 1–8, VLAN support. Bandwidth 2.0Gbps, MAC table 2K, latency ≤16µs. AC 90~220V input, total ≤120W; ports 1–6 ≤30W, ports 7–8 ≤ 60W. 6KV lightning, 8KV ESD. 187 × 139 × 43mm, -30°C to 60°C. CE, FCC Part 15 Class B, RoHS 2.0. 1-year warranty.

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# EN-APS8P

## PRODUCT TECHNICAL SPECIFICATIONS

| PARAMETER | SPECIFICATIONS |
|---|---|
| **GENERAL** | |
| **Model** | EN-APS8P |
| **Ports** | 8 × 10/100Mbps PoE (RJ45)<br>2 × 10/100Mbps uplink (RJ45) |
| **PoE Standard** | IEEE 802.3af/at/bt |
| **Intelligent Feature** | AI PoE Watchdog (ports 1–8) |
| **Additional Features** | VLAN support |
| **Transmission Rate** | 200Mbps full duplex; 10 or 100Mbps half duplex |
| **Transmission Distance** | Ports 1–2: 250m @10Mbps<br>ports 3–8: 130m @100Mbps |
| **PERFORMANCE** | |
| **Bandwidth** | 2.0Gbps |
| **Latency (10–100Mbps)** | ≤16μs (64-byte packet) |
| **MAC Address Table** | 2K |
| **Forwarding Rate** | 14,800pps (10M port)<br>148,800pps (100M port) |
| **NETWORKING STANDARDS** | |
| **Ethernet** | IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-TX |
| **Flow Control** | IEEE 802.3x |
| **Power Over Ethernet** | IEEE 802.3af/at/bt |

| PARAMETER | SPECIFICATIONS |
|---|---|
| **POWER SUPPORT** | |
| **Power Input** | AC 90~220V, total ≤120W |
| **PoE Output, Ports 1–6** | ≤30W · pins 1/2 (+52V), 3/6 (GND) |
| **PoE Output, Ports 7–8** | ≤60W<br>pins 1245 (+53V), 3678 (GND); also 1/2, 3/6 |
| **AI Watchdog Coverage** | Ports 1–8 |
| **PROTECTION** | |
| **Lightning Protection** | 6KV, per IEC61000-4-5 |
| **ESD Protection** | 8KV, per IEC61000-4-2 |
| **PHYSICAL & ENVIRONMENTAL** | |
| **Dimensions (L × W × H)** | 187 × 139 × 43mm |
| **Operating Temperature** | -30°C to 60°C |
| **Storage Temperature** | -40°C to 70°C |
| **Operating Humidity** | 10%–90% non-condensing |
| **Storage Humidity** | 5%–90% non-condensing |
| **Weight** | Not available |
| **CERTIFICATION & WARRANTY** | |
| **Certification** | CE Mark · FCC Part 15, Class B · RoHS 2.0 |
| **Warranty** | 1 year (whole device) |
| **Package Content** | AC cable, user manual |

**Specifications are subject to change without prior notice.*

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