EN-APS24P

EURONET AI POE SWITCH – 24 PORT

Smart AI PoE Switch | FE/GE Hybrid Rack-Mount



POE PORTS **22 FE + 2 GE**	UPLINK PORTS **2 × Gigabit**
POE BUDGET **300W**	POE STANDARD **802.3af/at/bt**
BANDWIDTH **12.4Gbps**	WARRANTY **1 Year**

OVERVIEW

The EURONET EN-APS24P is a 24-port FE/GE hybrid rack-mount PoE switch for larger surveillance and access networks. It combines twenty-two 10/100Mbps PoE ports with two Gigabit PoE ports and two Gigabit uplink ports, backed by a 300W power budget and 12.4Gbps switching bandwidth. The AI PoE Watchdog monitors ports 1–24 and automatically power-cycles any device that stops responding. IEEE 802.3af/at/bt support covers standard, PoE+ and PoE++ devices, with up to 60W on ports 23–24. 6KV surge and 8KV ESD protection guard the line in a 19-inch rack-mountable chassis.

KEY FEATURES

AI PoE Watchdog
Monitors ports 1–24 and automatically power-cycles any PoE device that stops responding, with no visit

24 PoE + 2 Uplink Ports
22 × 10/100Mbps PoE and 2 × Gigabit PoE ports, plus two Gigabit RJ45 uplinks back to the core network

300W Power Budget
Up to 300W total PoE output: ports 1–22 give up to 30W each and Gigabit ports 23–24 up to 60W each

802.3af/at/bt Compliant
Supports standard, PoE+ and PoE++ powered devices, from IP cameras up to high-power access points

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

Rack-Mount Chassis
430 × 180 × 45mm, 19-inch rack mountable, rated for operation from -30°C to 60°C in equipment rooms

TECHNICAL NOTE

EN-APS24P: smart AI PoE switch, 22 × 10/100Mbps PoE + 2 × 10/100/1000Mbps PoE + 2 × 10/100/1000Mbps uplink (RJ45). IEEE 802.3af/at/bt, AI PoE Watchdog on ports 1–24, VLAN. Bandwidth 12.4Gbps, MAC table 8K. AC 90~220V input, total ≤300W; ports 1–22 ≤30W, ports 23–24 ≤60W. 6KV lightning, 8KV ESD. 430 × 180 × 45mm. CE, FCC Part 15 Class B, RoHS 2.0. 1-year warranty.

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EN-APS24P

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	EN-APS24P
Ports	22 × 10/100Mbps PoE 2 × 10/100/1000Mbps PoE 2 × 10/100/1000Mbps uplink (all RJ45)
PoE Standard	IEEE 802.3af/at/bt
Intelligent Feature	AI PoE Watchdog (ports 1–24)
Additional Features	VLAN support
Transmission Rate	2000Mbps full duplex; 10, 100 or 1000Mbps half duplex
Transmission Distance	130m
PERFORMANCE	
Bandwidth	12.4Gbps
Latency (10–1000Mbps)	≤16μs (64-byte packet)
MAC Address Table	8K
Forwarding Rate	14,800pps (10M) · 148,800pps (100M) 1,488,000pps (1000M)
NETWORKING STANDARDS	
Ethernet	IEEE 802.3i 10BASE-T / 802.3u 100BASE-TX; IEEE 802.3ab 1000BASE-T
Flow Control	IEEE 802.3x
Power Over Ethernet	IEEE 802.3af/at/bt

PARAMETER	SPECIFICATIONS
POWER SUPPORT	
Power Input	AC 90~220V, total ≤300W
PoE Output, Ports 1–22	≤30W · pins 1/2 (+52V), 3/6 (GND)
PoE Output, Ports 23–24	≤60W pins 1245 (+53V), 3678 (GND); also 1/2, 3/6
AI Watchdog Coverage	Ports 1–24
PROTECTION	
Lightning Protection	6KV, per IEC61000-4-5
ESD Protection	8KV, per IEC61000-4-2
PHYSICAL & ENVIRONMENTAL	
Dimensions (L × W × H)	430 × 180 × 45mm
Installation	19-inch rack mountable
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, accessory, user manual

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

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