EN-APS16P

EURONET AI POE SWITCH – 16 PORT

Rack-Mount PoE Switch | Gigabit Uplink + SFP



POE PORTS	16 × 10/100Mbps
UPLINK PORTS	2 × Gigabit
POE BUDGET	300W
POE STANDARD	802.3af/at/bt
BANDWIDTH	36Gbps
WARRANTY	1 Year

OVERVIEW

The EURONET EN-APS16P is a 16+2+1 rack-mount PoE switch for larger surveillance and access-point installations that need both port density and uplink flexibility. It provides sixteen 10/100Mbps PoE ports, two Gigabit RJ45 uplink ports and one Gigabit SFP slot for a fibre backhaul. A 300W power budget, 36Gbps switching bandwidth and an 8K MAC table give room for many cameras, while the AI PoE Watchdog detects and reboots frozen or unresponsive PoE cameras and devices automatically. IEEE 802.3af/at/bt support covers standard, PoE+ and PoE++ devices, in a 19-inch rack-mountable chassis.

KEY FEATURES

AI PoE Watchdog
Detects frozen or unresponsive PoE cameras and other devices and reboots them automatically, with no visit

16 PoE + 2 Uplink + 1 SFP
Sixteen 10/100Mbps PoE ports, two Gigabit RJ45 uplinks and one Gigabit SFP slot in one chassis

300W Power Budget
AC 180–240V input rated at 300W total, with up to 60W available on each of PoE ports 15 and 16

Fibre-Ready Uplink
Dedicated Gigabit SFP slot for a fibre uplink next to the two copper Gigabit uplinks for flexible backhaul

36Gbps Switching
36Gbps bandwidth and an 8K MAC address table handle busy camera and access-point networks with ease

19-Inch Rack-Mount Design
Rack-mountable 430 × 180 × 45mm chassis fits structured cabling cabinets, with 6KV surge protection

TECHNICAL NOTE

EN-APS16P: rack-mount AI PoE switch, 16 × 10/100Mbps PoE + 2 × 10/100/1000Mbps uplink (RJ45) + 1 × 10/100/1000Mbps SFP. IEEE 802.3af/at/bt, VLAN support. Bandwidth 36Gbps, MAC table 8K, latency ≤16μs. AC 180~240V input, total ≤300W; up to 60W on ports 15–16. 6KV lightning/surge protection. 430 × 180 × 45mm, -30°C to 60°C. 1-year warranty.

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EN-APS16P

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	EN-APS16P
Ports	16 × 10/100Mbps PoE (RJ45) 2 × 10/100/1000Mbps uplink (RJ45) 1 × 10/100/1000Mbps SFP
PoE Standard	IEEE 802.3af/at/bt
Intelligent Feature	AI PoE Watchdog
Additional Features	VLAN support
Transmission Rate	2000Mbps full duplex; 10, 100 or 1000Mbps half duplex
Max. Transmission Distance	250m
PERFORMANCE	
Bandwidth	36Gbps
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 / 802.3z 1000BASE-X
Flow Control	IEEE 802.3x
Power Over Ethernet	IEEE 802.3af/at/bt

PARAMETER	SPECIFICATIONS
POWER SUPPORT	
Power Input	AC 180~240V, total ≤300W
PoE Output, Ports 1–6	≤30W · pins 1/2 (+52V), 3/6 (GND)
PoE Output, Ports 15–16	≤60W pins 1245 (+53V), 3678 (GND); also 1/2, 3/6
PROTECTION	
Lightning / Surge Protection	6KV
ESD Protection	Not available
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 (per Euronet PoE range)
Warranty	1 year (whole device)
Package Content	AC cable, user manual

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

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