



FRONT SIDE (POE SWITCH)



BACK SIDE (POWER IN)



USER GUIDE



AC CORD



RACK EARS

Optimize your network with

**16 GIGABIT 10/100/1000 POE PORTS**

Extend Mode

**UP TO 984' CABLE RUNS,**

Efficiently powers devices

**30W PER PORT, 300W BUDGET**



# IPCamPower 16 Port Gigabit Unmanaged POE Switch

30W POE+ (802.3at) per Port, 300W Max Budget,  
Extend Mode up to 984' Cable Runs, 16 POE & 4 Uplink,  
All Ports Gigabit 10/100/1000

## Product Features

### HIGH POWER EFFICIENCY AND VERSATILITY

Equip your network with 16 Gigabit 10/100/1000 POE ports, each supporting up to 30W (POE+ 802.3at), with a 300W total budget. Perfect for powering IP Cameras, Access Points, IP Phones, and more. Plus, leverage 4 additional gigabit uplink ports (2 Ethernet, 2 SFP) for high-speed non-POE connections to other switches and routers.

### GIGABIT SPEEDS & ENHANCED BANDWIDTH

Optimize your network with all 20 ports offering full gigabit throughput (10/100/1000), ensuring high-speed data transfer, low latency, and superior bandwidth. This device boasts sufficient bandwidth to accommodate a wide array of POE devices while also offering robust support for non-POE equipment, including computers, servers, and media devices, ensuring a versatile and comprehensive networking solution.

### EXTEND MODE: RUN CABLES UP TO 984'

Simplify your long-distance connections with the unique POE Extend Mode, allowing continuous cable runs up to 984'. This adjusts speeds on the affected runs to 10 Mbps which is adequate for most all IP Cameras, but unlike other switches with this feature, this switch will only apply it to ports with cable runs over 100 meters, while maintaining gigabit speeds on all ports under 100 meters. An essential feature for IP Camera Installers.

### PORT ISOLATION & REBOOT REPAIR

Enhance your network's defense with the Port Isolation feature which prevents network traffic communication between the POE ports and only allows the traffic from each of those ports to be passed to the uplinks, acting similar to a VLAN. Additionally, Auto Port Reboot Repair provides resilience, automatically detecting and resolving power or network anomalies by rebooting compromised ports, ensuring uninterrupted, secure operations.

### ROBUST DESIGN

Benefit from a durable, rack-mountable design, ideal for various setups with its 1U size and included rack ears. Trust in the product's longevity with an industry-leading hassle free warranty, reflecting a commitment to quality and customer peace of mind, affirming this switch as a solid network infrastructure investment.

**PRODUCT DIMENSIONS**

**SPECIFICATION DATA**

<b>Fixed Port</b>	16*10/100/1000Base-T/TX POE ports (Data/Power) 2*10/100/1000Base-T/TX R.J45 uplink ports (Data) 2*10/100/1000Base-X Uplink SEP ports (Data)
<b>POE Port</b>	Port 1-16 support PoE @ IEEE8023af/at
<b>Feature</b>	POE Network Extend Port Isolation Auto Port Reboot Repair
<b>Ethernet Port Feature</b>	10/100/1000Base-T(X) automatic detection, Full/half Duplex MDI/MDLX adaptive
<b>Forwarding Mode</b>	Store and forward
<b>Switching Capacity</b>	40 Gbps
<b>MAC</b>	8K
<b>Buffer Memory</b>	29.76M
<b>Power Supply Pin</b>	Default 1/2(+), 3/6(-)
<b>MAX/ AVERAGE Power Per Port</b>	30W/15.4 W
<b>Total POE Budget</b>	300 W
<b>Power Consumption</b>	Standby:< 5W; Full Load < 300W
<b>Power Supply</b>	Built-in Power Adapter AC 10~240V, 50-60Hz, 300W
<b>Operating Temp/ Humidity</b>	-20~+55°C,5%--90% RH non-condensing
<b>Storage Temp/ Humidity</b>	-40~+75°C,5%--95% RH non-condensing
<b>Installation Method</b>	Desktop type, Wall mounted, Rack mount
<b>Ingress Protection</b>	EC61000-4-2(ESD). ±8kV contact discharge, ±15kV air discharge IE61000-4-5(Lightning protection/Surge) Power: CM±4kV/DM±2kV; Port. ±4kV
<b>Protection level</b>	IP30
<b>Certification</b>	CCC, CE mark, Commercial, CE/LVD EN60950, FCC Part 15 Class B; RoHS
<b>Warranty</b>	03 Years

## CONNECTION DIAGRAM WITH FEATURE DESCRIPTION

