

## 708EP-AC 8-Port PoE Long Reach Switch



### Introduction

Proscend's 708EP-AC Long Reach Switch features 8 pairs of Long Reach Ethernet solutions with the companion Proscend's Ethernet Extender 101EPI remote devices connecting to each port of the 708EP-AC. Each solution pair carries Ethernet traffic and power over Ethernet cable up to 800 meters.

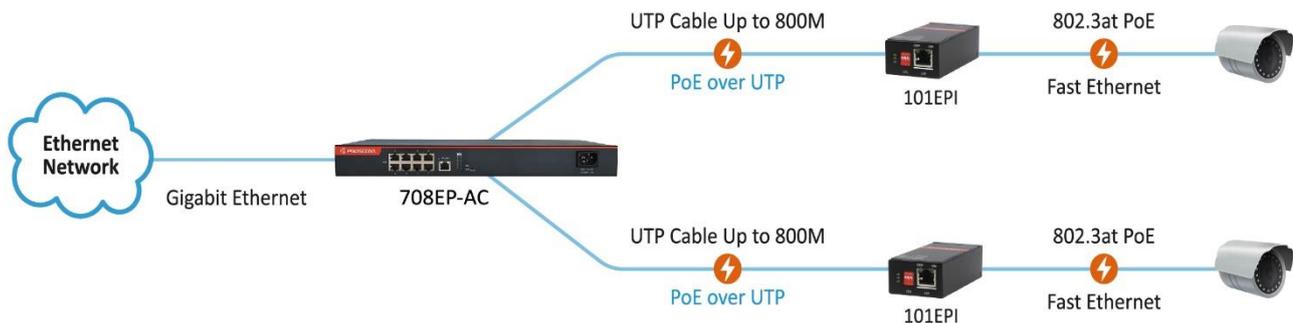
The 708EP-AC is 19" rack mounted with built-in power supply. Without the needs of redundant long-distance power cabling, each 101EPI receives power from any port of the 708EP-AC and offers 802.3at Power-over-Ethernet for the remote devices such as IP cameras.

With the intelligence of built-in LFPT (Link Fault Pass Through) function in the 708EP-AC, the network administrator is enabled to monitor the link status easily, or turn on and off an IP camera remotely from the control center for eliminating the maintenance time and costs.

### Features

- Eight Long Reach PoE Ethernet ports, One Gigabit Ethernet uplink.
- Ethernet over UTP cable up to 800 meters.
- Eliminate long distance power cabling.
- 6KV surge protection.
- Smart Web management.
- LFPT (Link Fault Pass Through) per each port.
- Built-in power supply.

### Application



## Specifications

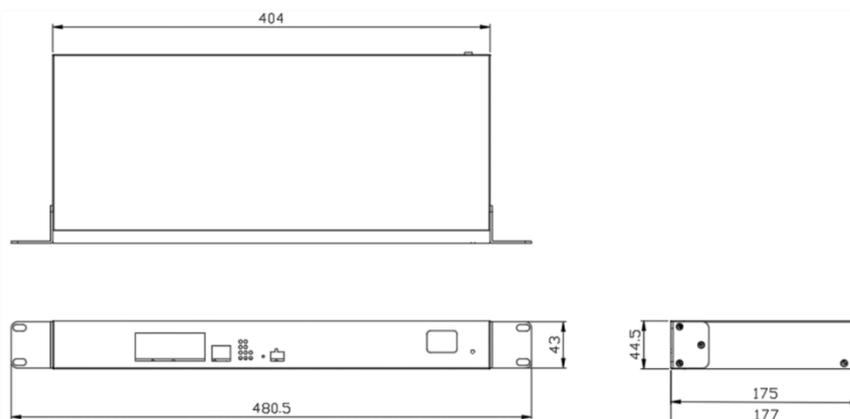
<p><b>Hardware Interfaces</b></p> <ul style="list-style-type: none"> <li>■ RJ45 Uplink port</li> <li>■ LINE port x 8: Passive PoE PSE</li> <li>■ AC Power Socket x 1</li> <li>■ IEEE 802.3/802.3u/802.3x/802.3ab compliant</li> </ul> <p><b>Management</b></p> <ul style="list-style-type: none"> <li>■ Web-based Management</li> <li>■ TFTP firmware upgrade</li> <li>■ PoE Status Monitoring</li> <li>■ Support Link Fault Pass Through (LFPT)</li> </ul> <p><b>Mechanical</b></p> <ul style="list-style-type: none"> <li>■ Dimensions (W x H x D): 404 x 44.5 x 177 mm</li> <li>■ Weight: 2.34 kg</li> <li>■ Rack mounting</li> </ul>	<p><b>Power</b></p> <ul style="list-style-type: none"> <li>■ Power Input: 100~240VAC 60/50Hz</li> <li>■ System power consumption 10W</li> <li>■ PoE power budget: 188W</li> </ul> <p><b>LED Indicators</b></p> <ul style="list-style-type: none"> <li>■ Power, System, Port Status, PoE</li> </ul> <p><b>Environment &amp; Regulatory Compliance</b></p> <ul style="list-style-type: none"> <li>■ Operating Temperature: 0 to +45°C</li> <li>■ Storage Temperature: -40 to +85°C</li> <li>■ Humidity: 5 to 95% RH (non-condensing)</li> <li>■ EMC: FCC Part 15 subpart B, EN55032 Class A, CISPR 32, UKCA, EN300386, EN55035, CISPR35</li> <li>■ Electrical Safety: EN 62368-1</li> <li>■ EN50121-4 Compliant</li> <li>■ RoHS (Pb free) and REACH compliant</li> <li>■ MTBF: &gt;22 years</li> </ul>
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## Data and Power Range

Cat 6 UTP 4 Pairs, 708EP-AC @25°C PoE Power Budget 188W			Cat 6 UTP 2 Pairs, 708EP-AC @25°C PoE Power Budget 188W		
Distance	Link Speed	101EPI PoE output (watt)	Distance	Link Speed	101EPI PoE output (watt)
100 meters	100Mbps	29.0	100 meters	100Mbps	27.5
200 meters	100Mbps	27.5	200 meters	100Mbps	24.0
300 meters	100Mbps	25.5	300 meters	100Mbps	19.5
400 meters	100Mbps	24.0	400 meters	100Mbps	14.0
500 meters	100Mbps	22.0	500 meters	100Mbps	11.0
600 meters	10Mbps	19.5	600 meters	10Mbps	8.5
700 meters	10Mbps	16.5	700 meters	10Mbps	7.0
800 meters	10Mbps	14.0	800 meters	10Mbps	6.0
900 meters	N/A	N/A	900 meters	N/A	N/A

**NOTE:** The actual data speed and PoE performance can vary by the environmental conditions and the cable qualities. The actual PoE power budget can vary by the operating temperature.

## Dimensions



## Ordering Information

Model Name	Description
708EP-AC	8-Port PoE Long Reach Switch

**NOTE:** Features and specifications are subject to change without prior notice.