

# IP Infrastructure Solutions

## Midspan Power-over-Ethernet Controller



ADC's new Midspan Power-over-Ethernet (PoE) Controller provides a flexible way to power IP telephony and other applications over a local area network. The IEEE 802.3af-compliant power source ensures reliability of service for Ethernet devices such as VOIP telephones, wireless access points, security cameras, etc. ADC's Midspan PoE Controller also eliminates the need for installation of local power at the device, saving time and money.

### Features:

- Up to 24 ports per panel in a single rack unit (1.75 inches)
- Optional SNMP CPU card available
- Universal AC input (115/230VAC, 50/60Hz)
- Up to five panels can be daisy-chained, so that multiple panels can be controlled by one CPU card and a single IP address
- Remote access allows monitoring of port level operating status, as well as power shutdown to a given port in a given panel

- 400 watt power, offering full 15.4 Watts of power to each port
- Shielded Category 5e RJ45 ports
  - Input: 10/100Base-T Ethernet
  - Output: 10/100Base-T Ethernet and power

### Application and Benefits:

- Utilizes existing infrastructure
  - Same cables and RJ45 connectors
- Offers less expensive, faster, simpler way to set up remote network devices
  - Wi-Fi access points
  - IP security cameras
  - VoIP phones
- Provides easier remote access and management
  - Monitor the entire network and operation of individual devices
  - Remotely turn off or reboot network devices
- Ensures greater safety
  - 48V, 15.4W, 400mA
  - 1500Vrms port isolation

SPEC SHEET





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### Ordering Information

Description	Catalog Number
24-port midspan controller with SNMP	PWR-24AC-M
24-port midspan controller without SNMP	PWR-24AC
16-port midspan controller without SNMP	PWR-16AC
8-port midspan controller without SNMP	PWR-08AC
SNMP module	PWR-M

### Specifications

#### MECHANICAL

<b>Ethernet Interface:</b>	24, 16, or 8 RJ45s
<b>Ethernet plus Power Interface:</b>	24, 16, or 8 RJ45s
<b>Dimensions:</b>	1.75 in x 17.3 in x 15.97 in (44.4mm x 436mm x 300mm)
<b>Weight:</b>	13.34 lbs. (6.05 Kg)
<b>Rack Mounting:</b>	19" or 23", EIA or WECO

#### ELECTRICAL

<b>Power Input Voltage:</b>	100 to 250 VAC
<b>Power Input Frequency:</b>	50 to 60 Hz
<b>Power over Ethernet:</b>	IEEE 802.3af: 15.4 Watts maximum output on all ports
<b>Powering Pins:</b>	-48 VDC Output on Pins 4,5 and 7,8
<b>Total Available Power:</b>	400 Watts
<b>LED Indicators:</b>	RJ45 Ports - Green = Power and Ethernet, Yellow = 802.3af device detected, but not powered Power LED - Green = Power OK, Red = Fan Failure or Overtemp
<b>Ethernet Input/Output:</b>	10/100Base-T (Active signal pins 1,2 and 3,6)
<b>Channel Performance:</b>	Category 5e

#### ENVIRONMENTAL AND SAFETY

<b>Safety Compliance:</b>	UL, cUL, CE, EN 60950
<b>Emissions:</b>	FCC Class A, EN 55022 (CISPR22)
<b>Operating Temperature:</b>	0 to 40°C
<b>Storage Temperature:</b>	-20°C to 70°C

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### Web Site: [www.adc.com](http://www.adc.com)

From North America, Call Toll Free: 1-800-366-3891 • Outside of North America: +1-952-938-8080  
Fax: +1-952-917-3237 • For a listing of ADC's global sales office locations, please refer to our web site.

ADC Telecommunications, Inc., P.O. Box 1101, Minneapolis, Minnesota USA 55440-1101  
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