

POE21U1AF Series High-Power, Single-Port Injector

19.6 WATT POWER OVER ETHERNET ADAPTER

Product Features

- Fully Compliant Detection, Disconnect, Overload and Voltage Control (IEEE802.3af)
- Diagnostic LEDs
- Full Protection
 - Overcurrent Protection (OCP)
 - Overvoltage Protection (OVP)
- Nonvented Case



The POE21U1AF Power over Ethernet (PoE) single port power injector is designed to meet the demanding data rate and power requirements of IP cameras with high-quality streaming video capabilities. The injector offers total output power of 19.6 W, which meets the IEEE802.3af standard for detection, connection, disconnection, and fault protection.

The POE21U1AF power injector is compatible with 10/100Base-T systems and systems up to 1000 Mbps. AC input voltage ranges from 100 to 240 VAC with input frequency from 47 to 63 Hz. Maximum output load current is 350 mA at 56 VDC.

TECHNICAL SPECIFICATIONS

MODEL

Model	Description	Power Cord
POE21U1AF-NC*	High-power, single-port PoE injector	No power cord
POE21U1AD-US	High-power, single-port PoE injector	US power cord
POE21U1AF-EUK	High-power, single-port PoE injector	EU and UK power cord

* A power cord is required for operation, but is not provided/shipped with this model.

ELECTRICAL

Input Voltage Rating	100 to 240 VAC
AC Input Current	0.8 A (RMS) maximum for 120 VAC; 0.55 A (RMS) maximum for 240 VAC
Leakage Current	350 μ A
AC Input Frequency	47 to 63 Hz
AC Inrush Current	60 A (RMS) maximum for 240 VAC
Total Output Power	19.6 W
Efficiency	80% (typical) at maximum load; 120 VAC, 60 Hz
Hold-up Time	10 milliseconds minimum; 120 VAC and maximum load
Transient O/P Voltage Protection	60 V maximum at switch; on and off at any AC line phase
Over Voltage/Current, Short Circuit Protection	Outputs equipped with short circuit protection and overload protection according to IEEE802.3af specification; the output can be shorted permanently without damage
Input Connectors	IEC320 inlet 3-pin

FRONT PANEL INDICATORS/FUNCTIONS


Status/Color	Description
Solid Green	Valid IEEE802.3af load detected and connected
Blinking Red/Green	Invalid load connected
Blinking Red	Fault; outbound power turned off due to overload

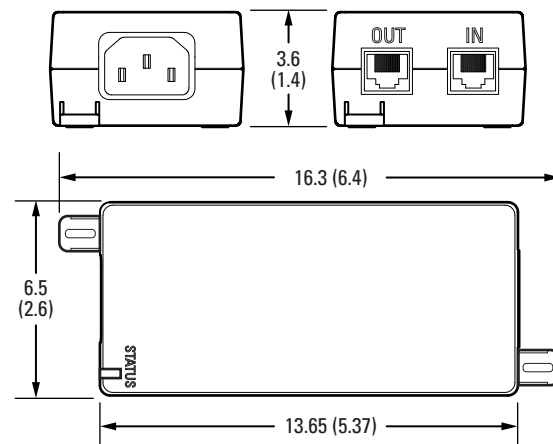
ENVIRONMENTAL

Operating Temperature	0° to 40°C (32° to 104°F)
Storage Temperature	-20° to 65°C (-4° to 149°F)
Maximum Humidity Gradient	5% to 90%

CERTIFICATIONS

- CE, Class B
- FCC, Class B
- UL/cUL Listed

 VALUES IN PARENTHESES ARE INCHES; ALL OTHERS ARE CENTIMETERS.



Pelco by Schneider Electric

3500 Pelco Way, Clovis, California 93612-5699 United States

USA & Canada Tel (800) 289-9100 Fax (800) 289-9150

International Tel +1 (559) 292-1981 Fax +1 (559) 348-1120

www.pelco.com www.pelco.com/community

Pelco, the Pelco logo, and other trademarks associated with Pelco products referred to in this publication are trademarks of Pelco, Inc. or its affiliates. ONVIF and the ONVIF logo are trademarks of ONVIF Inc. All other product names and services are the property of their respective companies.

Product specifications and availability are subject to change without notice.

©Copyright 2015, Pelco, Inc. All rights reserved.