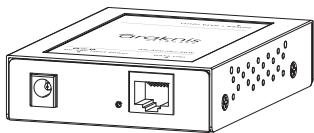


AN-ACC-INJ-30W-100

Gigabit PoE+ Injector



Welcome to Araknis® Networks

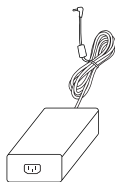
Thank you for choosing an Araknis AN-ACC-INJ-30W-100 Gigabit PoE+ Injector. This product is part of a carefully selected line of accessories that compliment Araknis network switches product lines. The AN-ACC-INJ-30W-100 eliminates the need for a nearby electrical outlet to power network devices such as IP cameras, wireless access points, and VoIP phones. In addition, it is completely plug-and-play.

This PoE+ Injector is a Gigabit Ethernet device that provides 1 Gigabit Ethernet data input and 1 Gigabit Ethernet output with power up to +48V DC @ 30W. The output is 802.3af/at compliant, which means it can automatically detect and provide the required voltage and power for compliant devices.

Features

- 1x10/100/1000Mbps Input, 1x 10/100/1000Mbps + Power Output.
- 802.3af/at compliant: it supplies up to 30Watts of power over an Ethernet cable
- Compact design and robust metal housing
- Wall mounting ears included.

Package Contents



Power Adapter



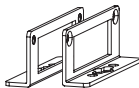
AN-ACC-INJ-30W-100
(PoE+ Injector)



Power Cord



AN-ACC-INJ-30W-100
Datasheet



Mounting Kit



Screws (4)



Wall Anchors (4)



FCC Warning

This device has been tested and found to comply with limits for a Class A digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates and radiates radio frequency energy and, if not installed and used in accordance with the user's manual, it may cause interference in which case users will be required to correct interference at their own expenses.

CE Warning

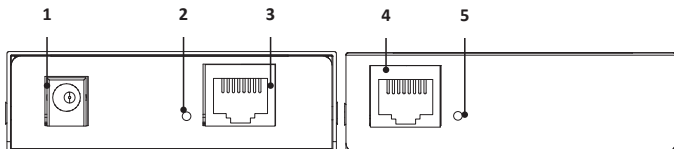
This is a Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

Specifications

Standards		IEEE 802.3af
		IEEE 802.3at
		IEEE 802.3 10BaseT
		IEEE 802.3u 100BaseTX
		IEEE 802.3ab 1000BaseT
Features		Number of Ports:
		1 x Input (data only) Port
		1 x Output (data + power) Port
LED Indicators		Power and PD Link
Power	Input	48V DC
	Output	48V/DC at Full 30 W Output Supported
	Consumption	35 Watts (Max)
Dimensions		2.93" W x .88" H x 4.00" D
Weight		0.42 lbs
Operating Temperature		32°F to 104°F
Humidity		10 to 90%
Certifications		FCC Class A, CE



Connections

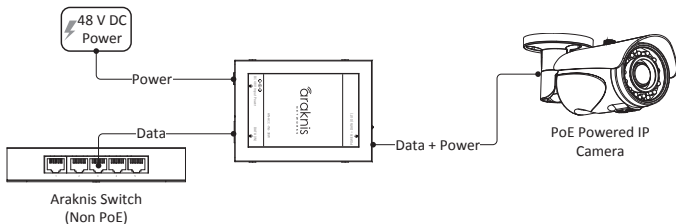


- 1. Power Input**
Connect the included 48V DC power supply.
- 2. Power LED**
See Status LED Operation for details.
- 3. RJ45 Data In**
Connect to Araknis Non PoE switch.
- 4. RJ45 Data Out**
Connect to PoE powered device.
- 5. Data + PWR LED**
See Status LED Operation for details.

Status LED Operation

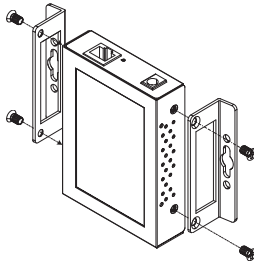
LED	Status	Description
Power	On	Device is on.
	Off	Device is off.
Data + PWR	On	PoE device is connected
	Off	No Link

Application Example



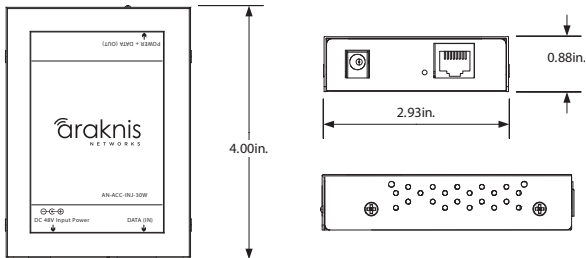


Wall Mounting



ProTip: The injector may also be placed on a shelf if wall mounting is not available.

Dimensions



Warranty

2 Year Limited Warranty

Araknis Networks® products have a 2-Year Limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products which have been abused, modified or disassembled. Products to be repaired under this warranty must be returned to SnapAV or a designated service center with prior notification and an assigned return authorization number (RA).