

# INSTANT 802.3AF™

Indoor and Outdoor Gigabit PoE Converters

Models: INS-3AF-I-G, INS-3AF-O-G

Transforms PoE Devices into 802.3af-Compliant Products

Faster Throughput Speeds Using Gigabit Ethernet

Works with 802.3af Switches for Remote Control Power Applications



# Overview

The Instant 802.3af Gigabit PoE Converter transforms almost any Ubiquiti® PoE (Power over Ethernet) device into a fully compliant, 802.3af-compatible product.

## Gigabit Ethernet

The Instant 802.3af Gigabit PoE Converter works with 10/100/1000 Mbps ports to deliver high throughput speeds over its wired connection.

## PoE Switch Compatibility

The Instant 802.3af Gigabit PoE Converter integrates seamlessly with a variety of auto-sensing 802.3af PoE switches for remote power control applications. As you manage and monitor your network, you can conveniently power or power cycle your remote devices using your 802.3af switch.

For ease of power management, you can centralize the 802.3af switch and power source, and you can include a UPS (Uninterruptible Power Supply) as a backup. This way your network continues to run even during a temporary power outage.

## Ubiquiti Compatibility

Available in both indoor and outdoor versions, the Instant 802.3af Gigabit PoE Converter is compatible with most Ubiquiti PoE devices\* using 100 Mbps or Gigabit Ethernet ports. Compatible products include airMAX® and UniFi® devices.

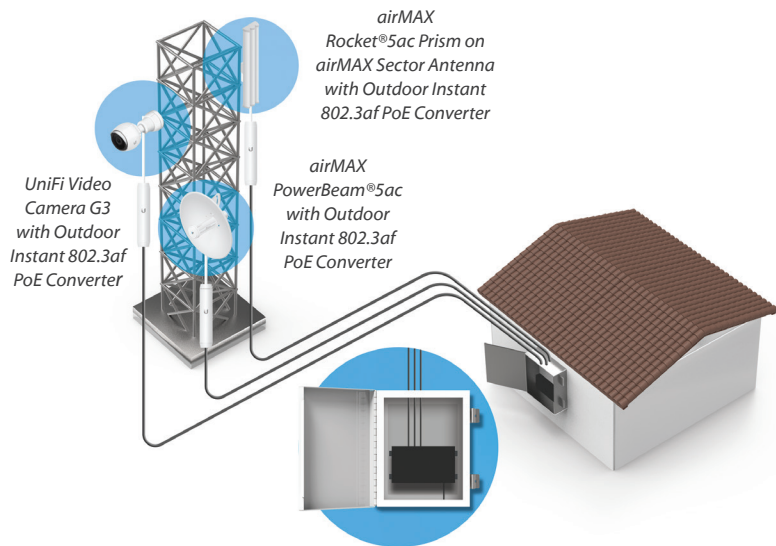
## Longer Cable Runs

High voltage carries power more efficiently (using less current) than low voltage. The Instant 802.3af Gigabit PoE Converter enables longer cable runs due to a more efficient power delivery – so your products can get the power they require even when they are located far from the 802.3af switch.

## ESD/Surge Protection

The Instant 802.3af Gigabit PoE Converter provides an additional  $\pm 15\text{kV}$  of Ethernet isolation for built-in protection that lessens the risk of ESD or surge damage to your devices.

## Tower Deployment

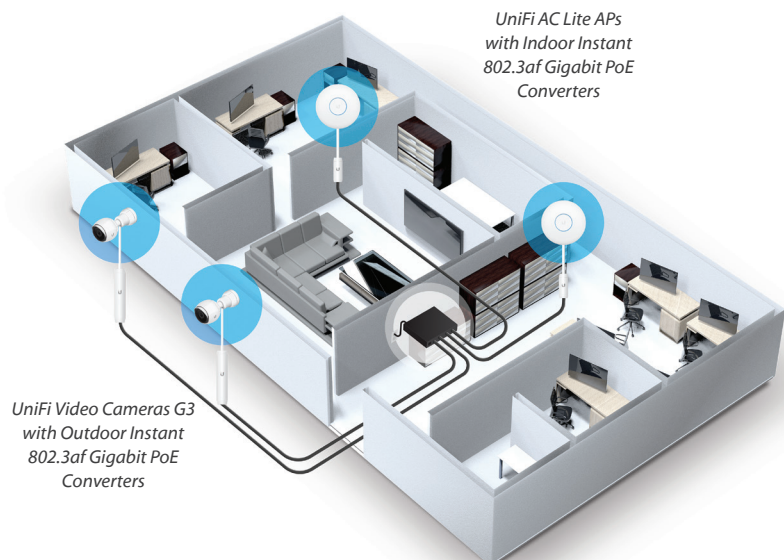


Outdoor Products Powered by 802.3af Switch

## Product Compatibility

airMAX		UniFi
LiteBeam™ ac	Bullet™M	UniFi AP / AP LR
NanoBeam® ac	Bullet TitaniumM	UniFi AP Outdoor 5
PowerBeam ac	NanoBridge®M	UniFi AC Lite AP
PowerBeam ac ISO	NanoStation®M	UniFi AC LR AP
Rocket5ac	NanoStationloco®M	UniFi Video Camera
Rocket5ac Prism	PicoStation®M	UniFi Video Camera G3
airGrid®M	RocketM	UniFi Video Camera Dome

## Office Installation



Indoor and Outdoor Products Powered by 802.3af Switch

\* Check product specifications to verify voltage compatibility.

# Specifications

INS-3AF-I-G and INS-3AF-O-G		
Model	INS-3AF-I-G	INS-3AF-O-G
Dimensions with RJ45 Cable	Ø 30.26 x 95.5 mm (Ø 1.19 x 3.76")	Ø 30.2 x 166 mm (Ø 1.19 x 6.54") Ø 30.2 x 366.6 mm (Ø 1.19 x 14.43")
Weight	50 g (1.76 oz)	90 g (3.17 oz)
Networking Interface PoE In (802.3af) PoE Out (24V Passive)	(1) Gigabit RJ45 Port (1) Gigabit RJ45 Port	(1) Gigabit RJ45 Port (1) Gigabit Ethernet Cable
Operating Temperature	0 to 70° C (32 to 158° F)	-30 to 70° C (-22 to 158° F)
Power Input	48V, 802.3af	
Max. Power Output	24V, 0.5A	
Power Method	24V Passive PoE (Pairs 4, 5+; 7, 8 Return)	
Ethernet ESD/Surge Protection	±15kV	



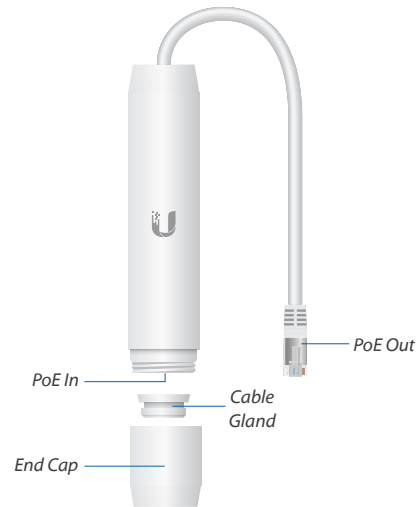
Indoor Version, Model INS-3AF-I-G



Port View, Model INS-3AF-I-G



Outdoor Version, Model INS-3AF-O-G



Overview, Model INS-3AF-O-G

Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at: [www.ubnt.com/support/warranty](http://www.ubnt.com/support/warranty)  
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