

# IPCOMM-POE

## Join the Wireless Revolution!

Lets face it. Wireless transmission has never been the solution to live streaming.. That was until the IPCOMM-POE came along.

With the power to inject PoE+ power into any camera via DC12V or a NPF-Battery (not included), you can easily take your video creations wirelessly onto any Wi-Fi router, sending IP video or IP control flawlessly as far as your router can reach!

This solution brings a whole new level of broadcasting opportunity for on-the-go, non-mounting solutions! So bring on this revolution, and start streaming wireless today!



KEY FEATURES:



APPLICATIONS:



STUDIO PRODUCTION



WORSHIP



VIDEO CONFERENCE



EDUCATION



SPORTS

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## MAIN FEATURES

- Give any IP based camera wireless functionality to submit video or control over most WiFi based routers/networks.
- PoE+ injector to power any IP camera connected to (if supported)
- Capability of using DC12V power tap, or a NPF battery series to power the camera without use of DC12V port.
- Bottom of the IPCOMM-PoE has 3 1/4-20" mounting holes for perfect fitment
- Provides a wireless solution to hard-to-reach or unmountable camera setups in any workflow.
- Can be paired with multiple IPCOMM-PoE's for multi-cam workflows.
- Performance based off of overall bitrate, not resolution. Keep in mind of these rules:
  1. Limit the amount of obstacles between the router and IPCOMM-POE
  2. Ensure the signal strength seen when setting the IPCOMM-POE up is above 60%
  3. Ensure the bandwidth sent by the camera to the router is within 2Kbps~50kbps, this mostly depends on your signal strength. Anything higher will cause delay and video rupturing.
  4. To avoid power loss, plug in DC12V to keep IPCOMM-PoE running, and swap batteries if needed.

## SPECIFICATIONS

### TRANSMISSION

Antennas:	4 x 3dBi Dual Band Omni-Directional
Wireless Standard:	IEEE802.11ac/a/b/g/n
Transmission Rate:	Up to 80 Mbps
RF Parameters:	Receiver Sensitivity: -96dBm Freq: 2.412~2.472GHz 5.180~5.725GHz
Channel Bandwidth:	20/40/80 MHz, AUTO
Encryption:	WPA-PSK / WPA2-PSK / WPA/WPA2

### PHYSICAL

Physical Ports:	RJ45 Port, 12VDC port, NPF Battery Slot
Case:	Hardened Aluminum
PoE+ Port Standard:	Up to IEEE 802.3at
Indicators:	PWR, PoE+ and NPF Battery Status
Switch:	On and Off
Operating Temp:	0°C ~ 55°C

\*Specification are subject to change without notice.

## PACKAGE CONTENTS



Power Adapter & Cable

At AIDA Imaging, innovation is key to crafting our tried and tested quality imaging solutions. We strive to raise the bar by engineering and manufacturing cutting edge cameras and converters. From concept to reality, AIDA Imaging meticulously creates products that are applicable to various solutions, effective for the global user.