



Now Playing: Couple Days

## CASE STUDY



## LIVE STREAMING A MUSIC FESTIVAL

## CUSTOMER SUCCESS STORY

Learn how a local music festival extended it's reach to the world

*Check out the 4+ Hour Live Stream on YouTube w/ live drone footage!*

Pretty Good Fest is a music festival that takes place each year outside Oxford, Pennsylvania. The video production set up includes a multi-camera live streaming system with Wirecast (or vMix) using a PC, multiple PTZ cameras and a joystick controller. As a special request from the festival organizer a DJI Phantom 3 drone was included to provide live aerial footage. This live stream was recorded with YouTube Live and is called "Pretty Good Festival 2016" (link below).

<http://goo.gl/IBPaEC>

### PRODUCT DETAILS



#### PTZOptics 12X & 20X USB

Powerful PTZ capabilities with USB 3.0 inputs feeding directly into the live streaming laptop.



#### Focusrite Scarlet 2i2

Simple XLR or 1/4" audio input mixer which outputs USB 2.0 to bring in audio from the bands mixing board.



#### Live Streaming Software

For this live stream we used Wirecast. Wirecast is used for video production and streaming.



[www.ptzoptics.com](http://www.ptzoptics.com)

152 Robbins rd, Downingtown, PA 19335, USA

Phone: 1-800 486-5276

Email: [sales@ptzoptics.com](mailto:sales@ptzoptics.com)

# Streaming Tutorial



- This live stream has been fully documented and produced into a video and training series. The video is available on YouTube and a full course is available on UDEMY.
- Learn how to use multiple PTZOptics cameras with a joystick keyboard
- Learn how to incorporate a live drone into your video production along with your PTZ cameras and live audio from a 5 piece band.
- YouTube Tutorial: <http://goo.gl/jla57z>

## LIVE STREAMING W/ PTZ CAMERAS AND LIVE DRONES!

Paul Richards, Chief Streaming Officer for PTZOptics says “I think this is the easiest, most affordable and professional live video production system you can create.” The system consists of a regular Dell Laptop, two PTZ cameras and a audio mixer. These core products make it easy to live stream and record a concert/musical performance to destinations such as YouTube Live and Facebook among others.

Due to popular demand we includes a DJI Phantom 3 drone and Magewell frame grabber to incorporate live drone footage into the stream. The DJI Phantom 3 drone used included a HDMI output which was converted into USB (with a Magewell frame grabber) and used just like a webcam source in Wirecast.



## ABOUT PTZOPTICS

PTZOptics provides high quality video conferencing and broadcast cameras with HDMI, HD-SDI, USB 3.0 and IP Streaming. Our approach to video camera manufacturing focuses on value. We strive to provide best in class features at affordable prices while we extend our reach with open source camera controls, free Crestron/Extron programming modules and amazing technical support.



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