

PTZ OPTICS

CASE STUDY



**LIVE
STREAMING
PERFORMING ARTS**

CUSTOMER SUCCESS STORY

See how the performing arts are going live!

Check out the 1+ Hour Live Stream on YouTube (link below)

The Frisco School of Music provides exceptional music lessons in Frisco Texas (TX). Students can learn to Play; Piano, Guitar, Voice, Violin, Drums, Strings and More! When it comes time for performances the Frisco School of Music uses Wirecast to live stream the events using PTZOptics HD-SDI cameras. Because the cameras are mounted in various locations in the auditorium Frisco School of Music is using the RTSP streaming capabilities over Cat-5 network cabling. (More on page 2)

Link to test footage: [http:// goo.gl/GkNNuv](http://goo.gl/GkNNuv)

PRODUCT DETAILS



PTZOptics 12X & 20X SDI

Powerful PTZ capabilities with 3G-SDI inputs and RTSP Streaming directly into Wirecast over the network.



RS-232 JOYSTICK SKU: HC-JOY-G2

Easy to use joystick controller with hot key buttons for up to 4 cameras. Simple daisy-chain control cabling...



Wall Mount SKU: HCM-1

Small form factor wall mount with cable pass through access for clean installations.



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System Overview



- Frisco School of Music in Frisco, Texas has shared from test footage from (4) PTZOptics 12X-SDI cameras available at: [http:// goo.gl/GkNNuv](http://goo.gl/GkNNuv)
- Using Wirecast the PTZOptics cameras are streaming 1080p video over RTSP using just CAT-5 ethernet cable.
- Four cameras are being controlled with a single joystick. To make installation easier the cabling is daisy chained from one camera to the next.

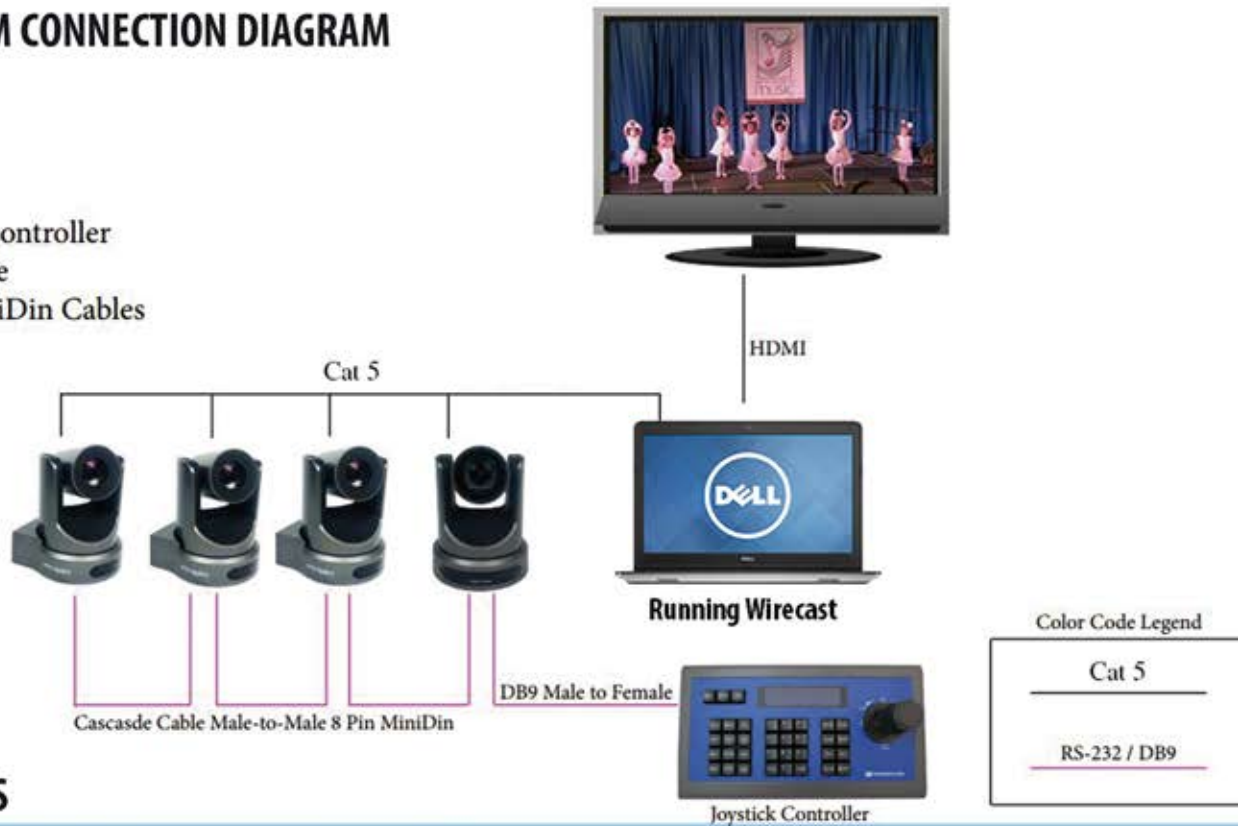
MULTI-CAMERA SYSTEM CONNECTION DIAGRAM

Includes:

- (1) PTZOptics 12X-SDI
- (3) PTZOptics 20X-SDI
- PTZOptics RS-232 Joystick Controller
- (1) DB9 Male to Female Cable
- (3) Cascade M-M 8 Pin MiniDin Cables
- Roland VR50HD

Mounting Options:

- Wall Mount (PT-WM-SM)
- Ceiling Mount (PTZO-CM)



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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