



PTZ OPTICS

CASE STUDY



SPORTS PRESS BOX

CUSTOMER SUCCESS STORY

Learn how a Minor League Baseball uses PTZOptics cameras

PrepSpin Digital Sports Network uses PTZOptics cameras with vMix to live stream sporting events all year. William Warfield the CEO of PrepSpin, uses PTZOptics cameras in full 1080p60fps to capture the action in: Basketball, Baseball, Soccer, Volleyball, Swimming, Wrestling and more. In this case study, we will look at the innovative ways PrepSpin is using wireless network antennas and IP networks to control his entire video production from his central stream station.

Each PTZOptics camera, is connected to the PrepSpin Windows-based streaming PC which is running vMix via HD-SDI using a HD-SDI PCIe capture card. Warfield uses a range of wireless Ubiquiti antennas and routers to provide wireless PTZ camera control to his PT-JOY IP joystick controller. Warfield uses a main wireless access point behind home plate along with repeaters on 1st and 3rd base to cover the whole ball park.

PRODUCT DETAILS



20X SDI SKU: PT-20X-SDI-G2

Powerful PTZ capabilities with 3G-SDI 1080p video outputs and IP control with PoE included.



PTZOPTICS IP JOYSTICK SKU: PT-JOY

The PTZOptics PT-JOY is ideal for controlling PTZ Cameras over your LAN (Local Area Network).



vMix Pro

vMix is one of the industries best live streaming platforms. vMix supports IP camera control for PTZOptics.



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Sports Streaming



"We love the PTZOptics cameras for live streaming sports" says William Warfield. "The integration with vMix is superb and we really like to use our wireless Ubiquiti routers for camera control with the IP Joystick".

System Configuration:

1. PTZOptics 20X-SDI
2. Outdoor Camera Enclosure (Optional)
3. Ubiquiti Wireless Antenna
4. IP Joystick
5. Edge Router
6. Custom vMix PC
7. HD-SDI Cabling
8. Network Cabling



Remote pan, tilt and zoom camera control is essential to the PrepSpin video production workflow. This system allows a single video production operator to remotely control the cameras from the stadium press box.



ABOUT PTZOPTICS

PTZOptics provides high quality video conferencing and broadcast cameras with HDMI, 3G-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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