Easily Stream Your Worship Services with ChurchPix -
The Complete Live Production and Streaming Solution for Churches

ChurchPix is the all-in-one video production solution that enables any church to easily stream its worship services online. Designed with volunteer operators in mind, the ChurchPix system is easy to set-up and simple to use. It provides an affordable turnkey solution for churches and comes complete with dedicated content and easy-to-use controls. Discover how you can easily produce and share your worship message online with a Broadcast Pix ChurchPix system.

Ready to go right out of the box, the ChurchPix system comes complete with:

ChurchPix's dedicated UI is fully configurable. Use the default layout or create your own on a touchscreen or in a web browser.

- Two RoboPix PTZ IP cameras with 20x optical zoom, integrated remote control and mounting brackets

- PC hardware and IP switch

- Royalty free library of suitable clips, stills and graphic templates

- Instant streaming and recording

- Audio inputs that support any Windows Audio Device including NDI™, Dante and external USB convertors

- Easy to use software control interface that automates many common production tasks

Get Everything You Need to Easily Stream Inspiring Worship Services

Easy Installation

ChurchPix is easy to install for plug and play operations. Simply connect the included server to the IP switch and then to the cameras using a single Ethernet cable. The cameras and server support NDI™, which self discovers on connection. Then bring in the audio from the house PA, either via a Digital Network or through a USB interface. Now you are ready to start recording and streaming.

Dedicated User Interface

ChurchPix's user-friendly interface is great for those of any ability or experience level. It provides full motion monitoring and easy one-touch live production and streaming control from a touchscreen or a web browser. The configurable macro buttons automate common production tasks, such as launching a clip or displaying a split-screen effect, into single button pushes for unmatched ease-of-use. Start creating inspiring productions at the touch of a button using the default design and create customized buttons and macros over time as you become more familiar with the system, including full control of the cameras including pan, tilt, zoom, focus, etc.

PTZ Cameras

The included 2 RoboPix robotic cameras provide full functionality, superior performance and rich high-definition results. Enjoy full motion control including pan, tilt, zoom, focus, iris and white balance, right from the ChurchPix user interface. Or enjoy streamlined control with the provided preset buttons featuring easily identifiable image thumbnails. RoboPix cameras also includes Power-over-Ethernet and supports NDI™ encoding for fluent motion video in low bandwidth conditions.

Ready to Use Content

Easily inspire your audience with Church-Pix's library of ready-to-use content. Every ChurchPix system comes with a collection of suitable video clips, stills and graphic templates to help you create professional looking content. Logos and titles can also be uploaded to create stylish looking broadcast quality graphics in minutes with little to no training.

Stream and Record

ChurchPix systems feature simultaneously streaming and recording capabilities so you can easily reach a wider online audience. Stream with native login integration to Facebook Live, YouTube Live, IBM Cloud, Vimeo/Livestream, Switchboard Live, Castus Stream or any CDNs using RTMP. Or multi-stream to up to 5 online destinations simultaneously through the Switchboard Cloud Pro Platform, which requires a subscription. ChurchPix systems can also record internally or on external USB drive and then go on to archive the content in the cloud or on your website.

Great Support

ChurchPix can be used to start broadcasting and streaming straight out of the box. There is a comprehensive FAQ available online to answer your common questions, as well as our 'how to' videos.

If you continue to have questions and have purchased a Broadcast Pix Support Contract, we offer great technical support to assist you with any problems. Please contact one of our support engineers at support@broadcastpix.com.

RoboPix HD IP PTZ Video Cameras

2 RoboPix cameras come with every ChurchPix system

Technical Specifications

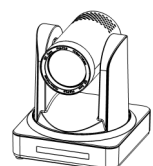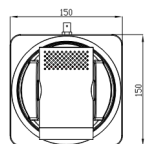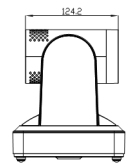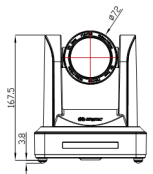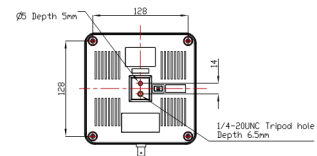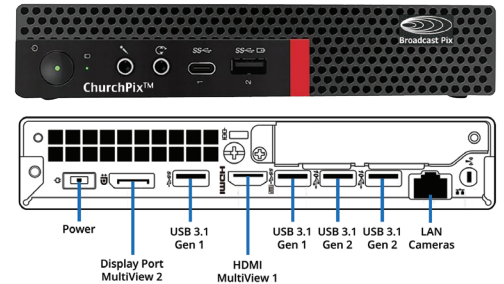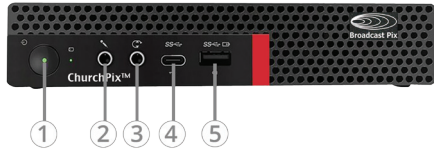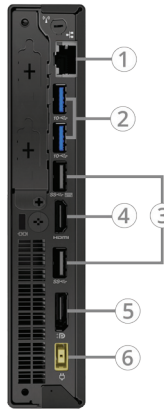| Camera / Lens	
Sensor	1/2.8 inch high quality HD CMOS sensor
Effective Pixels	16:9:, 2.07
Video Formats	1080P60/50/30/25/59.94/29.97.1080I60/50/59.94. 720P60/50/30/25/59.94/29.97
Zoom	Optical: 20X f=5.5~110mm, Digital: 10X
View Angle	3.3°(tele)--54.7°(wide)
AV	F1.6– F3.5
Minimum Illumination	0.5Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto/Manual 3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
Focus	Auto/Manual/A key focus
Aperture/Shutter	Auto/Manual
BLC	ON/OFF
WDR	OFF/Dynamic level adjustment
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	>55dB
Input / Output Interface	
Video Interfaces	HDMI, SDI, LAN, RS232 (Loop through RS232 output) RS485, A-IN
Video Output Interfaces	HDMI, SDI, LAN, USB 3.0, USB2.0
Image Stream	Double stream output
Video Compression Format	H.264, H.265
Control Protocol	VISCA/Pelco-D/Pelco-P;Baud Rate:115200/9600/4800/2400bps
Audio Input Interface	A-IN:Double track 3.5mm linear input
Audio Compression Format	AAC/MP3/G.711A
Network Interface	100M IP port (100BASE-TX) 5G WiFi (optional)
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181, Network VISCA Control Protocol
Control Interface	RS232 (Ring through RS232 output), RS485
Power Adapter	Input: AC110V-AC220V. Output: DC12V/1.5A, HEC3800 outlet (DC12V)
Power	12W (Maximum), DC12V±10%, 1A (Maximum)
PTZ	
Pan/Tilt/Rotation	±170°, -30° ~ +90°
Pan Control Speed	0.1 - 60°/sec
Tilt Control Speed	0.1 - 30°/sec
Preset Speed	Pan: 60°/sec, Tilt: 30°/sec
Preset Number	255 presets (10 presets by remote controller)
Environment – designed for indoor use	
Storage Temperature & Humidity	-10°C ~ + 60°C, 20% ~ 95%
Working Temperature & Humidity	-10°C + 50°C, 20% ~ 80%
Dimension	150mm X 150mm X 167.5mm
Weight	1.4KG
Accessories	
Included Accessory	12V/1.5A power supply, RS232 controllable, remote control Manual, warranty card
Optional Accessories	Mounting bracket

PC Hardware

ChurchPix includes a small form factor but powerful PC workstation. Featuring Intel® multi- Core™ processing and combining blazing-fast DDR4 memory, solid-state storage and comprehensive connectivity including USB 3.1 Gen 2 technology for faster charging and data transfers. Create with confidence with ChurchPix.

Technical Specifications

Processor	Intel Core i5-8400, 3.7GHz, 4 Core, 12 Thread
Memory	16GB DDR4 2666 MHz SoDIMM
Storage	256GB NVMe m.2 2242 PCIe
Graphics	Integrated Intel® Graphics
Connectivity	Intel® 9560 802.11 AC vPro™ (2 x 2) + Bluetooth® 5.0
Ports & Slots	**Front:** 1. Power button 2. Microphone jack 3. Combo audio jack 4. USB-C 5. USB 3.1 (Gen 2) **Back:** 1. RJ45 Ethernet 2. 2 x USB 3.1 (Gen 2) 3. 2 x USB 3.1 (Gen 1) 4. HDMI 5. DisplayPort® 8. Power-cord connector
H x D x W	1.4" x 7.0" x 7.2" / 36.5 x 179 x 183 (mm), Weight: 2.9 lbs. (1.3 kg)
PSU	135 watts

Broadcast Pix reserve the right to change the specification as may be required.

A Solution That Grows Along With Your Needs

ChurchPix systems come ready to support your church's live streaming needs. Flexible, affordable and easy-to-use by limited crews and volunteer staff, ChurchPix is the perfect solution for today's live streaming world. Get everything needed to start streaming today for only $7,995 US MSRP.

Since ChurchPix is powered by Broadcast Pix software, with a regular IP network at their core, the system also comes ready to grow along with your needs. Its scalable infrastrure makes it easy to enable more functionality as your requirements grow. Simply add more cameras and hardware or extend operator control by creating additional dedicated user interfaces. Start sharing today's services and be ready for tomorrow's challenges with ChurchPix!