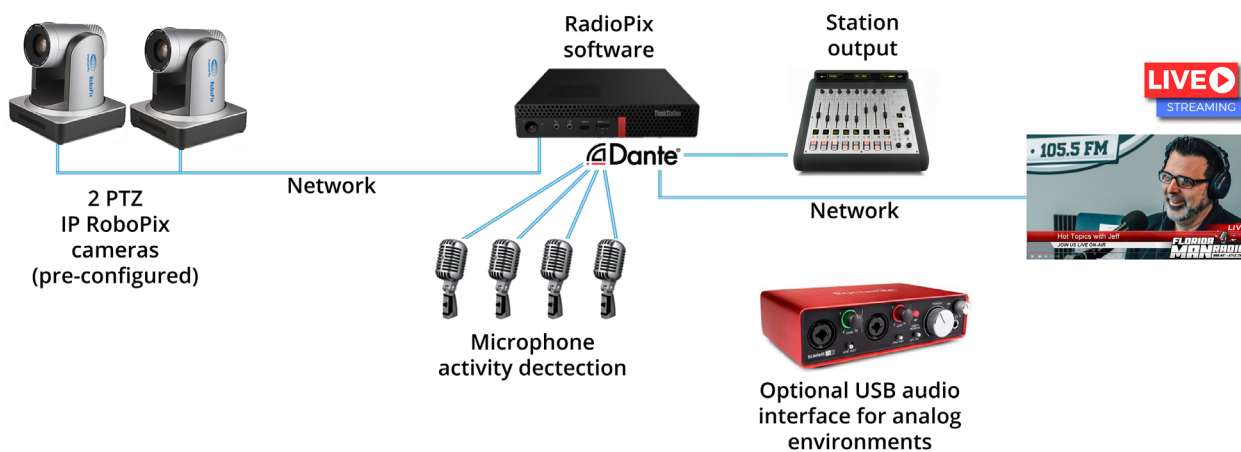




The Easiest Visual Radio Solution EVER

New RadioPix™ systems come complete with everything your station needs to start creating dynamic visual radio content. Each system includes behavioral intelligence to automatically switch the included robotic cameras to whoever is talking, and automatically insert titles, graphics, and ads. Simple to install and compatible with radio automation software, Axia and Wheatstone consoles, you can start streaming great pix of your radio show in minutes. Get the most complete, reliable and affordable visual radio solution available today with RadioPix.



Key Features

- Fully automated switching
- Behavioral intelligence and visually aware macros
- IP I/O
- Support for up to 16 microphones
- Ready-to-use radio clips and graphics
- Integrated character generator with templates
- Integrated control for RoboPix PTZ cameras
- Optional host override control
- Dedicated control interface for manual switching
- Secure IP remote control



Get everything you need to easily stream great Radio Shows

Voice-automated Production Features



Behavioral Intelligence

RadioPix's behavioral intelligence automates the production process through voice-detection to ensure all your shows feature dynamic results. When audio is detected from a microphone through the Dante interface, Broadcast Pix's visually aware macros can be triggered to change camera positions, roll clips and animations, add or remove titles and even execute sophisticated compositions.



RoboPix PTZ Cameras

RadioPix includes two RoboPix PTZ cameras with 20x zoom and plug-and-play operation. Simply plug them into two of the included Lenovo Tiny PC's 5 x NIC ports using CAT 5 cables, connect to the Audio Network for automatic triggering and receiving the station output and then connect to the internet to begin streaming.



Clips and Animations

Easily create entertaining visual shows with RadioPix's built-in clips stores. Every system features a clip store library preloaded with radio broadcasting content. Use the included video clips and graphics elements or your own. RadioPix can store and playback up to 60 hrs of content like video clips, real time animated graphics, crawls, tickers, logos, titles, and banners.



Configuration Support

RadioPix can be used to start broadcasting and streaming straight out of the box but 2 hrs of consultation support is also included. Use dial in consulting to receive help creating a unique look and feel for your station. We can assist you in with the import and position of your station ID, choose suitable video clips and graphics elements and even program the behavioral intelligence.



Optional Manual Control

Enjoy manual control over your live programming from a variety of optional control devices. The host can choose to override the automated system but turning off behavioral intelligence using a touchscreen panel, an MIDI interface or even a footswitch.



Dedicated User Interface

RadioPix features a dedicated user interface designed for the easy operation of automated video-follow-audio productions. View, access and control all your cameras, sources and content from its user friendly display. Enjoy full motion monitoring of your live shows from a touchscreen, tablet or even your phone.



Stream and Record

With full streaming capabilities and access to your own secure, cloud-based media management portal, reach a wider audience with online video. RadioPix can stream to Facebook Live, YouTube Live, IBM, Livestream or any CDN with a RTMP address.



A Complete Solution

RadioPix comes with everything your station needs to start creating dynamic visual radio content. With RadioPix, it's easier than ever to turn your listeners into viewers with high-end, automated video productions.

Fully Automated Production Workflow

INPUT



LOGIC

Behavioral Intelligence Software



TRIGGER

IP Audio Mixer
Automation Software
API
GPI
Manual
Mic activity detection

CONTROL

RadioPix User Interface



Media Aware Macros

RoboPix HD IP PTZ Video Cameras

RadioPix™

Technical Specifications

Camera / Lens

Sensor	1/2.8 inch high quality HD CMOS sensor
Effective Pixels	16:9, 2.07 megapixel
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

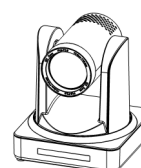
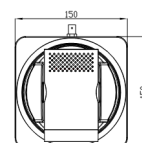
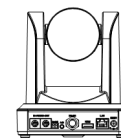
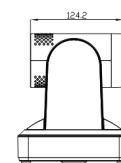
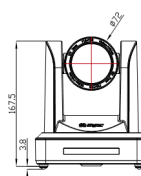
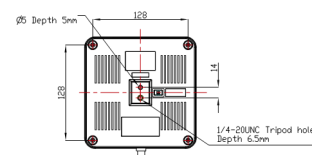
Pan/Tilt/Rotation	±170°, -30° ~ +90°
Pan Control Speed	0.1 - 60°/sec
Tilt Control Speed	0.1 - 30°/sec
Preset Speed	Pan: 60°/sec, Tilt: 30°/sec
Preset Number	255 presets (10 presets by remote controller)

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



RadioPix runs on a small form factor but a powerful workstation perfect for high power applications featuring Intel® multi- Core™ processing and combining blazing-fast DDR4 memory and solid-state storage.

Adaptable by design


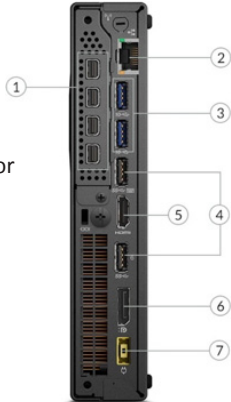
The workstation fits just about anywhere and can be positioned horizontally or vertically. Mount it on a wall, behind a monitor, under a desk or on a bookshelf.

It's good to have high-speed connections

The workstation includes USB 3.1 Gen 2 technology for faster charging and data transfers, as well as a 4 port LAN PCIe card for additional network connectivity.



Hardware Technical Specifications

Processor	Intel Core i7-8700, 3.7GHz
Memory	Up to 16GB DDR4 2666 MHz SoDIMM
Storage	512GB NVMe m.2 2242 PCIe
Graphics	Integrated Intel® Graphics
Connectivity	Intel® 9560 802.11 AC vPro™ (2 x 2) + Bluetooth® 5.0
Ports & Slots	<div> <p>Front:</p> <ol style="list-style-type: none"> 1. Power button 2. Microphone jack 3. Combo audio jack 4. USB-C 5. USB 3.1 (Gen 2)  </div> <div> <p>Back:</p> <ol style="list-style-type: none"> 1. 4 x LAN PCIe card 2. RJ45 Ethernet 3. 2 x USB 3.1 (Gen 2) 4. 2 x USB 3.1 (Gen 1) 5. HDMI 6. DisplayPort® 7. Power-cord connector  </div>
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)
Security	Kensington® lock slot to secure bottom door. Trusted Platform Module (TPM 2.0)
PSU	135 watts

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

Integration Partners

Use RadioPix with audio consoles from these industry leading providers.







THE TELOS ALLIANCE™







+1 978-600-1100



sales@broadcastpix.com

www.broadcastpix.com



facebook/broadcastpix



twitter/broadcastpix.com