

141 Middlesex Rd. Tyngsboro, MA 01879 USA

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

+1 (978) 600-1100



# The ONix Pro Control Panel

## Owner's Manual

Live Production Controller with Integrated PTZ Control  
for Broadcast Pix Video Production Systems



## Overview

The ONix Pro Control Panel is a professional hardware control surface designed to provide tactile, hands-on operation of Broadcast Pix live production systems. It combines switching, transitions, audio control, PTZ camera operation, macro

automation, and one-touch streaming and recording into an easy-to-use interface. The ONix Pro Control Panel enables operators to manage any production environment with speed, precision, and reliability.

**Powered by  
Bitfocus Companion**

**5.5" LCD  
Display**

**Audio  
Controls**

**Integrated Camera Control**

**Key & AUX  
Assignment**

**PixPad  
Controls**

**Sources  
& Macros**

**Preview**

**Program**

**4D Joystick**

**Internal  
Content**

**Keys**

**Transitions  
& Effects**

**T-Bar  
& Effects**

## Panel Functions



## Rear Connections

LAN (RJ-45 with PoE+), RS-232 / RS-422 / RS-485, USB 2.0

## Key Features

- **Integrated Control Surface**

An intelligent, all-in-one control surface for Broadcast Pix live production, streaming, and captioning systems.

- **5.5 Inch LCD Display**

Provides menu navigation, parameter adjustment, and real-time system monitoring.

- **80 Tri-Color Backlit Buttons**

Crystal buttons for switching sources, controlling robotic cameras and presets, triggering macros, and managing media, effects, titles, captions, and external devices.

- **Real-Time Feedback**

Switch with confidence with visual displays that show source information.

- **T-Bar Fader with LED Indicator**

Aluminum alloy fader with LED progress display for smooth, precise manual transitions.

- **4D Joystick Control**

Enables accurate pan, tilt, zoom, and focus control of local and remote robotic cameras.

- **Tally Support**

Wired tally output with optional wireless support for up to 12 channels each.

- **Connectivity**

Supports LAN workflows with Bitfocus Companion and MIDI over USB for added control flexibility.

- **Rotary Control Knobs**

Dedicated knobs for adjusting audio levels, camera settings, and other parameters.

- **Durable Aluminum Construction**

Fully anodized aluminum alloy chassis designed for reliability in professional broadcast environments.

### System Workflow

The ONix Pro Control Panel provides tactile control of Broadcast Pix systems throughout the entire production workflow.

The panel is designed for use with Broadcast systems running V10.3 Live Production Software or later.

#### TAKE TOTAL CONTROL

Control live production functions directly from the panel or alongside the Broadcast Pix BPView Multi-Viewer or Commander Browser-based UI for expanded system monitoring and control.

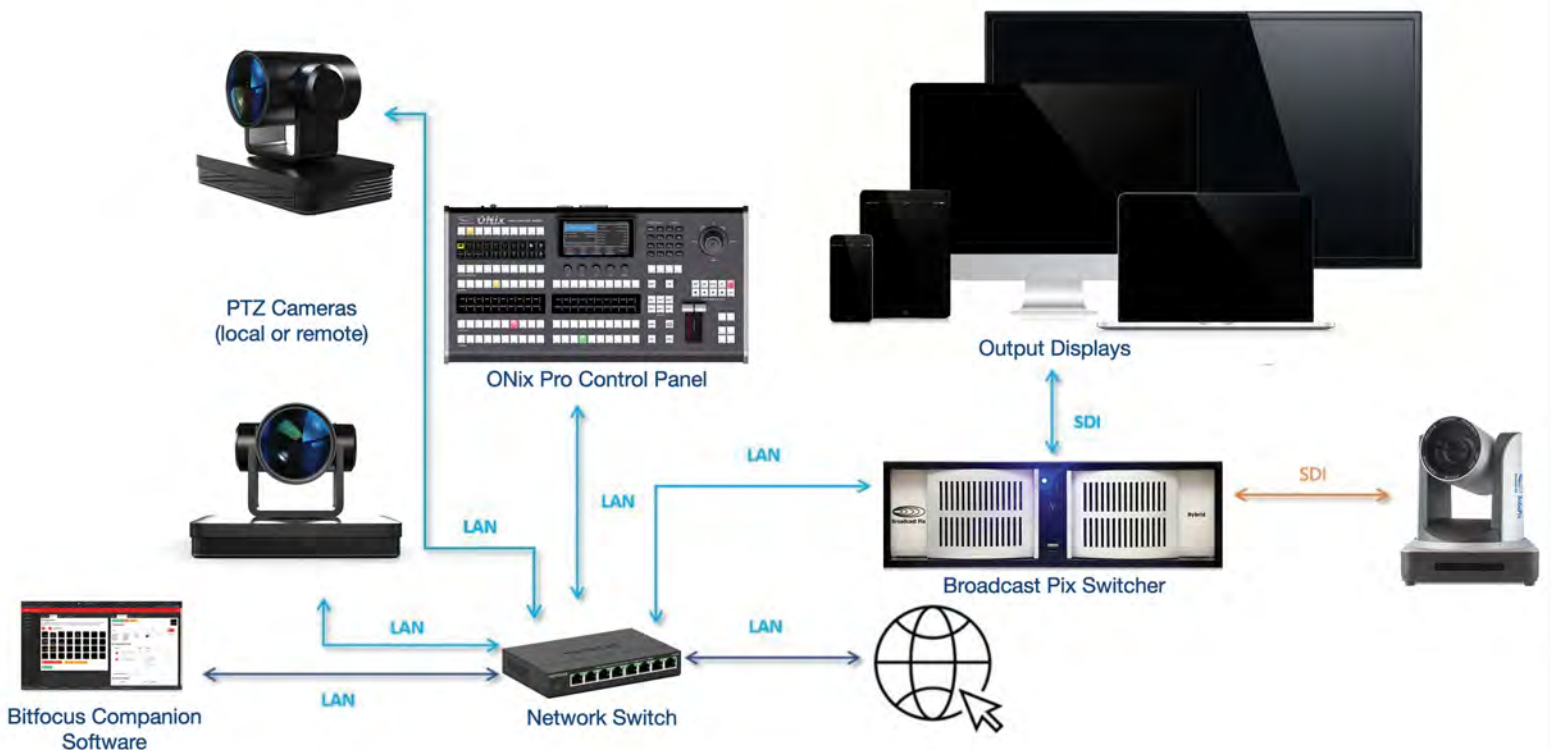
#### CONNECT & CONTROL

Take control of additional devices and systems through the following connections:

- LAN (RJ-45 with PoE+)
- RS-232 / RS-422 / RS-485
- USB 2.0

#### EXPAND YOUR CONTROL

The ONix Pro Control Panel supports control of many compatible devices, enabling fully integrated AV workflows across production, streaming, and facility control systems.



## Applications

The ONix Pro Control Panel is ideal for a wide range of live production environments, including:

- Broadcast studios
- Live streaming productions
- Houses of worship
- Community and government media centers
- E-sports and gaming broadcasts
- Live sports production
- Educational and academic events
- Corporate presentations and conferences
- Performing arts and stage productions

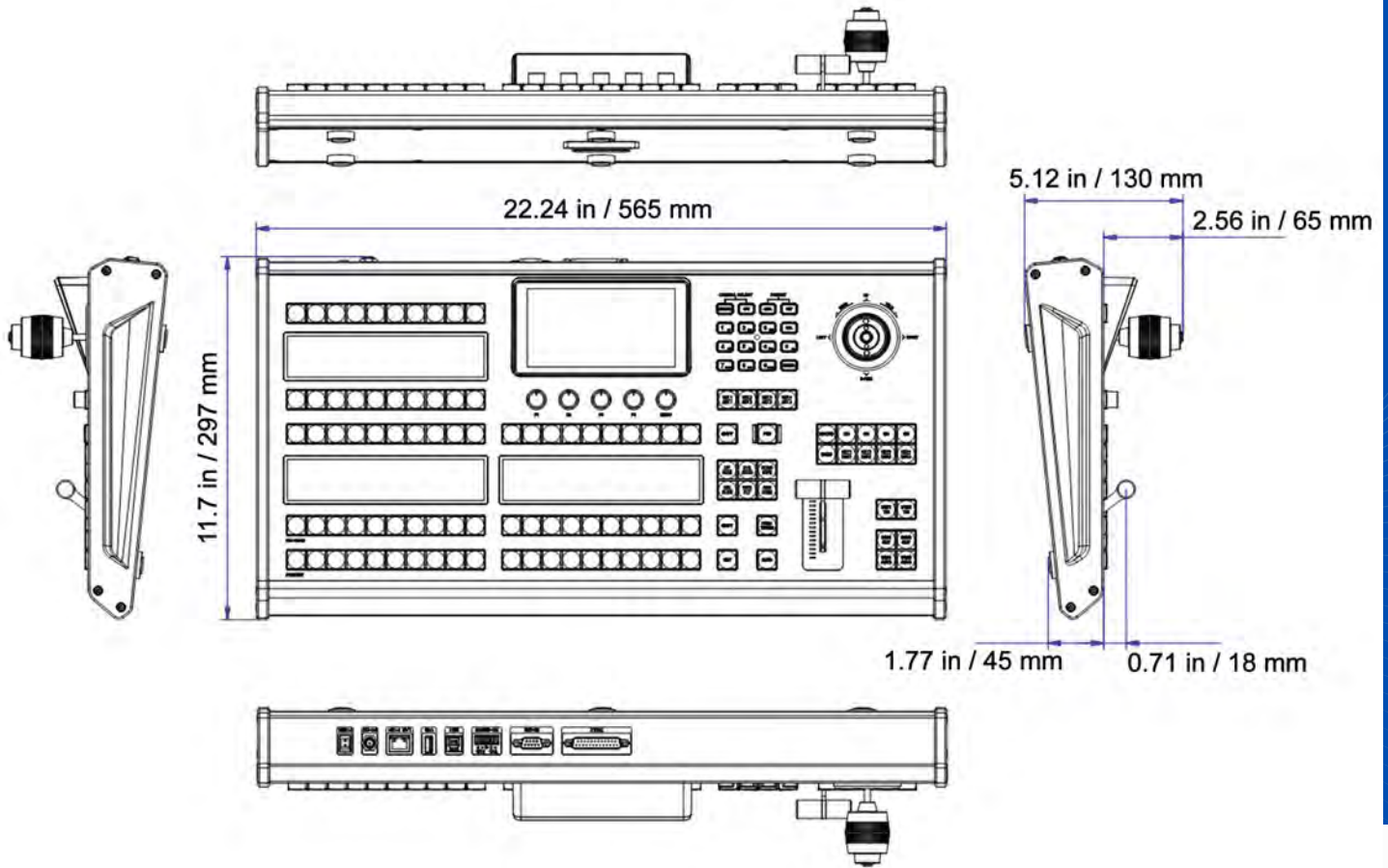


## Technical Specifications

The ONix Pro Control Panel	
Video Source Control	Up to 40 Preview channels + 40 channels PVW
Transition & Effect Functions	CUT, MIX, FX, Fade to Black, MACRO, Clip 1, Clip 2, CG 1, CG 2, Still 1, Still 2, Logo 1, Logo 2
Keyer Buttons	KEY 1, KEY 2, KEY 3, KEY 4, KEY 5, KEY 6
Assignment Controls	Up to 6 Keys + AUX
Joystick Control	4D precision for PTZ camera operation
Knobs	Three-dimensional rotary knobs for multi-parameter adjustments and audio control with push-to-mute functionality
Tally Support	12-channel wired + 12-channel optional wireless (red/green)
Connectivity	Supports LAN workflows with Bitfocus Companion and MIDI over USB.
Power	DC 12V, 1.7A, 20.4W (PoE supported)
Physical	565 × 297 × 130 mm (22.2 × 11.7 × 5.1 in, including T-BAR height), 6.8 kg (15 lbs)
Operating Environment	Indoor use, -10°C to 40°C



## Dimensions



## Support and Assistance

For additional information, documentation, or support resources, visit:

Broadcast Pix  
<https://www.broadcastpix.com>

Sales Inquiries  
[sales@broadcastpix.com](mailto:sales@broadcastpix.com)

Technical Support  
[support@broadcastpix.com](mailto:support@broadcastpix.com)