ProductionVIEW™ Control Products

Vaddio™ ProductionVIEW Precision Camera Controller

Joystick Camera Controller with On-board CCU Camera Controls

The ProductionVIEW Precision Camera Controller system is designed to control up to seven PTZ cameras. The Precision Camera Controller can be used as a stand-alone device or in conjunction with a variety of video switchers or mixers on the market today.

The control surface gives system users real-time knobs and buttons to control functions. In addition to a joystick controller with separate pan, tilt and zoom speed adjustment knobs, there are controls for red & blue gain, detail, iris and gain as well.

Image: ProductionVIEW Precision Camera Controller

Two Precision Camera Controllers can be linked together to allow the user to control all cameras from either controller (but not concurrently, one controller at a time). The system is capable of storing up to 14 pan, tilt and zoom position presets per camera. Two discrete control buses can be configured to select PTZ cameras, as well as control an external switcher or mixer via either RS-232 or tally outputs on the back of the console.

The features and flexibility of the ProductionVIEW Precision Camera Controller makes it the ideal camera controller for a variety of applications, including houses of worship, local government, videoconferencing, live event production and other situations where PTZ camera control is required.

WHAT'S INCLUDED

- One (1) Vaddio Precision Camera Controller
- One (1) 18 VDC 2.75 Amp Power Supply
- One (1) AC Cord Set
  (Int'l SKUs include Euro and UK Power Cords)
- One (1) Quick Start Guide (1-pager)

Note: Full Manuals are downloaded from vaddio.com or support.vaddio.com

TECHNICAL FEATURES

Color and Shading Controls
Controls for Red and Blue Gain, Detail, Iris and Gain are all front panel accessible on a per-camera basis from the console. One-push White Balance (OPWB), Auto-white balance (AWB) and Back Light Control are also available (depending on the connected camera).

Focus Controls
A large focus wheel for fast, accurate manual focus of the camera is built-in. With the push of a button, Fast Focus will zoom the camera in to allow manual adjustment of focus, and then with a second button push, will zoom the camera out to its previous zoom position.

3-Axis Hall-Effect Joystick
The improved Hall-Effect joystick includes larger handle for better grip, along with a button that moves the PTZ camera to its home position when pressed.

Seven Auto-Configuring RS-232 Control Ports
The Precision Camera Controller has seven (7) discrete control ports which eliminates the need to daisy chain control cabling. The Precision Camera Controller is capable of auto-sensing each camera attached. Control codes for the following cameras are built-in:
- Vaddio RoboSHOT™ HD PTZ Series Cameras
- Vaddio PowerVIEW™ HD PTZ Series Cameras
- Vaddio CeilingVIEW™ HD PTZ Series Cameras
- Vaddio REVEAL™ HD In-wall Cameras
- Vaddio SD Model Series OEM Cameras
- Panasonic® AW-HE100/120/130 Camera
  (AW-HE-130 code available Q2, 2015)
- Sony® EVI Series Cameras
- Sony® BRC Series Cameras
- Canon® XU & BU Series

Technical Features (continued)

Link To Second Precision Camera Controller
The Link port on Precision Camera Controller allows two Precision Camera Controllers to be connected, allowing camera control from one Precision Camera Controller or the other, however, only one controller or master, can be used at a time.

Master RS-232 Control Port
The master control port allows connection to 3rd party control systems or video switchers/mixers.

External Control Capability
The Precision Camera Controller has two rows of seven external control switches. These switches can be tied to Tally outputs and can be used to control external video switchers or preview monitors through contact closures, or connected to tally lights such as those found on Vaddio's CCU series of camera systems.

Vaddio Part Numbers
999-5700-000 for North America
999-5700-001 for International

Image: ProductionVIEW Precision Camera Controller Rear Panel Connectors

General Specifications

ProductionVIEW Precision Camera Controller	
Part Numbers:	999-5700-000 (North America) 999-5700-001 (International)
System I/O:	Seven (7) RS-232 Camera Control Ports on RJ-45 Connectors Two (2) Link Ports (In and Out) on RJ-45 One (1) RS-232 Control Port on DB-9F Seven (7) Tally Outputs - Group A, Seven (7) Tally Outputs - Group B One (1) Power Connector (Coaxial, Positive Center, 5.5mm OD x 2.5mm ID)
Compatible Cameras:	Vaddio RoboSHOT Packages, PowerVIEW HD-30/22 Packages, ClearVIEW HD-20SE/20/19/18 PTZ Packages, REVEAL Packages, CeilingVIEW Packages Panasonic AW-HE100, AW-HE120 PTZ Cameras (AW-HE130 in Q2 of 2015) Sony EVI and BRC Series PTZ Cameras Canon XU & BU Series Cameras
Joystick:	3-Axis, Hall-Effect, Non-contacting Type with Single Button
Internally Stored Presets:	98 (14 per PTZ camera attached)
Camera Control Parameters:	Iris, Gain, Detail, Red Gain, Blue Gain, Focus (for compatible cameras) Pan, Tilt and Zoom on Joystick Pan, Tilt and Zoom speed (for Joystick PTZ functions) Auto Iris, Backlight Compensation, One-Push White Balance, Auto White Balance, Fast Focus and Auto Focus on buttons. ***Note: Not all cameras are compatible with all camera functions provided***
LCD Display:	8-line backlit LCD display
Power Requirements:	PowerRite 18 VDC, 2.78 Amp
Weight:	5 lbs. (2.27kg) – approximate weight
Dimensions (H x W x D):	3.75" (95.25mm) H x 16" (406.4mm) W x 7" (177.8mm) D