

PRODUCTIONVIEW™ PRECISION CAMERA CONTROLLER

Joystick Camera Controller with CCU Camera Controls Onboard

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.



Figure 1: 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.

Precision Camera Controller is the ideal camera control system 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

- Vaddio Precision Camera Controller
- 18 VDC Power Supply
- AC Cord Set
- Documentation

TECHNICAL FEATURES

Color and Shading Controls

Controls for red and blue gain, detail, iris and gain are all accessible on a per-camera basis from the console. One-push white balance (OPWB) and auto white balance (AWB) are also available.

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 HD-20, HD-19 and HD-18 PTZ Cameras
Vaddio WallVIEW™ Series Cameras
Vaddio CeilingVIEW™ Series Cameras
Vaddio HideAway™ Series Cameras
Vaddio Model Series Cameras
Panasonic® AW-HE100 Camera
Sony® EVI & BRC Series Cameras
Canon® VC-C50i, VC-C50iR 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.

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 through contact

closures, or connected to tally lights such as those found on Vaddio's WallVIEW CCU series of camera systems.

Master RS-232 Control Port

The master control port allows connection to other control systems or third-party video switchers and mixers.

Vaddio Part Numbers

999-5700-000 for North America

999-5700-001 for International



Figure 2: ProductionVIEW Precision Camera Controller Rear Panel Connectors

TECHNICAL 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 HD-20, HD-19, and HD-18 PTZ Packages. WallVIEW Packages, Model, REVEAL Packages, CeilingVIEW Packages Panasonic AW-HE100 PTZ Camera Sony EVI and BRC Series PTZ Cameras Canon VC-C50i and VC-C50iR, BU Series Cameras (46 & 51)
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