<u>vaddi</u> WALLVIEW™ CCU 300 with HSDS™

Featuring the Vaddio[™] Quick-Connect[™] CCU



The Vaddio WallVIEW CCU 300 is built around the Sony® BRC-300 standard definition pan/tilt/zoom camera. With three 1/4.7 CCDs, the BRC-300 is an ideal choice for a wide range of video applications. WallVIEW CCU 300 allows the user to adjust color; gain and iris functions on the camera (see Figure 1). These controls allow the camera to deliver a more accurate representation of the image that is being captured. The other added advantages include the ability to color match multiple cameras and make necessary changes to iris and gain quickly and easily. Settings may be stored by using two Scene buttons for various lighting conditions.

The WallVIEW CCU uses HSDS[™] differential signaling, an active video transmission system, to deliver high quality video over standard Cat. 5 cabling. Adjustments allow the video to be extended up to 500 feet from the Quick-Connect CCU with virtually no loss in video quality.



Figure 1: (top) Quick-Connect CCU 1 RU rack mount interface; (bottom) WallVIEW CCU 300 System with Camera, EZIM and Wall Mount

Overall, the WallVIEW CCU 300 is superb for a wide range of standard definition shooting applications. It is also highly suitable for applications where adjusting the color and brightness levels of one or multiple cameras is critical, such as houses of worship, corporate boardrooms, live event production and distance-learning applications.

WHAT'S INCLUDED

- Sony BRC-300 Std. Definition PTZ Camera
- Three 1/4.7 Type, CCDs with 12x zoom lens)
- EZCamera Interface Module CCU (EZIM)
- Vaddio EZIM SD Break-out Cable
- Vaddio Quick-Connect CCU (QCCU) 1-RU Rack Mount Interface
- Sony IR Remote
- EZCamera Control Adapter (RJ-45 to DB-9)
- 36V PowerRite[™] Power Supply
- Vaddio Thin Profile Wall Mount 300
- Mounting Hardware
- Documentation

TECHNICAL FEATURES

CCU Controls

CCU controls on the product include: Red & Blue Gain; Aperture; Auto & Manual Iris; Gain; Auto & One Push White Balance; and Scene Store A & B buttons.

Tally

A tally port is located on the back of the 1 RU interface. When connected, the Quick-Connect CCU's tally light on the front panel illuminates when the camera is live. In addition, the camera's built-in tally light will also illuminate when the camera is in use.

Gen Lock over CAT-5

The WallVIEW CCU 300 delivers Gen Lock signal over CAT-5 cabling, which eliminates the need to run an additional coax cable to the camera.

EZCamera Interface Module (EZIM)

The EZCamera Interface Module CCU is a small camera interface module that mounts to the back of the wall mount and is a universal interface for several SD PTZ cameras available today. The EZIM uses a multi-pin connector and cable assemblies for maximum flexibility.



TECHNICAL FEATURES (CONTINUED)

Luminance Gain Adjustment

A luminance gain control (Y-Gain) is also provided which allows for enhanced control and fine tuning of the video signals when longer Cat-5 cabling runs are required.

Superior Power Regulation

The WallVIEW CCU 300 uses the PowerRite 36V power supply, which is the key to providing the electrical current that the larger PTZ camera

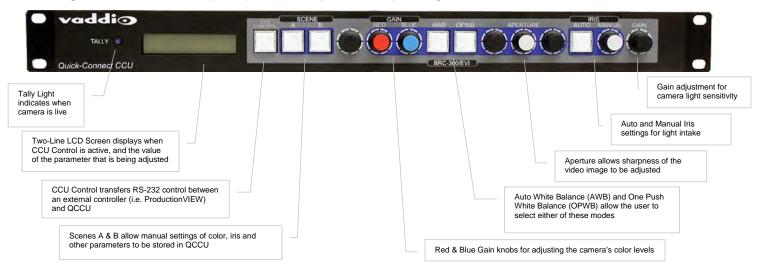
motors, like the BRC-H700 or BRC-300, require to operate properly.

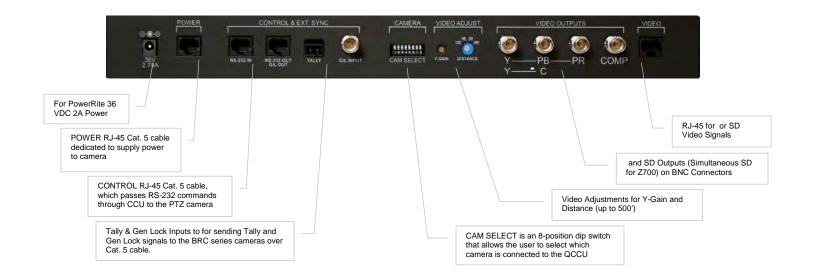
Complete System

The WallVIEW CCU 300 comes complete and includes everything the installer needs to accomplish a professional installation. Three Cat. 5 cable runs for Power, Video and Control are required to complete the installation.

TECHNICAL DRAWINGS

Figure 2: Quick-Connect CCU (QCCU) interface front panel and rear panel diagrams with functional callouts.





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Figure 3: EZCamera Interface Module CCU (EZIM) with three (3) RJ-45 connectors for POWER, RS-232 IN / GEN LOCK and VIDEO, Top View (left) and Isometric View (right)



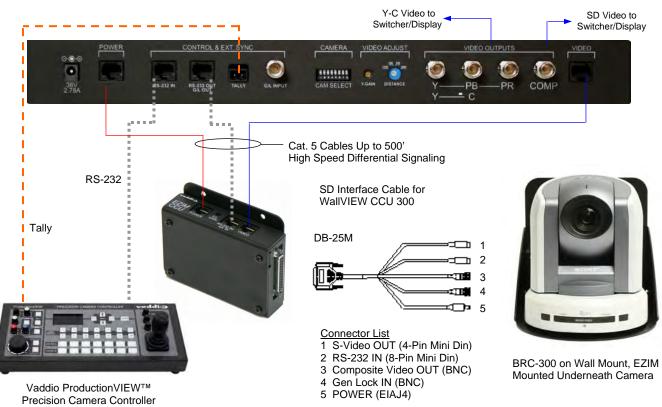


DB-25 Connector for Camera Break-out Cable

SYSTEM CONNECTIVITY

Figure 4:

Basic system connectivity of a WallVIEW CCU 300 System and ProductionVIEW Super Joystick Controller





TECHNICAL SPECIFICATIONS

Part Numbers Wall/VEW CCU 300 999-6207-001 (NTSC) Wall/VEW CCU 300 999-6207-001 (PAL) Image Device 1/4.7 type CCD x 3 Effective Picture Elements 0.69 Megapixels Lens 12x Optical Zoom (48x with digital zoom) Focal Length 1-3.6 to 43.2mm Horizontal Viewing Angle 3.3 to 37.8 degrees (4:3 mode), 4.0 to 45.4 degrees (16:9 mode) Video SN Ratio 50 dB Pan/Tilk Angle -170 to +170 degrees (Pan), -30 to +90 degrees (Tilt) • Quick-Connect CCU Interact (QCCU) To +170 degrees (Pan), -30 to +90 degrees (Tilt) • Quick-Connect CCU Interact (QCCU) To +170 degrees (Pan), -30 to +90 degrees (Tilt) • Outroit NR J-45: Stoppiles 36V to EZ camera Interface Module Regulator Control In RJ-45: Stoppiles 36V to EZ camera Interface Module Regulator Control In RJ-45: Accepts RS-232 rom Production/VIEW or other non-daisy-chain control systems Control In RJ-45: Passes RS-232 rom Production/VIEW or other non-daisy-chain control systems Control Out RJ-45: Transports vide from camera EZIM Camera Select Switch Selection switch for camera ta EXIM Video Adjustments Y-Gain (luminance gain) for fine tuning over longer cable distances Distance Compensation: 100', 200', 300', 400'+ Cat. 5 Cable Distance Up to 500' (152.4m) Power Supply 36 VDC, 2 Amp Dimensions 1-RU Rack Mount - 1.75' H x 19' W x 6' D	WallVIEW CCU 300	
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Dimensions 8" H x 8.5" W x 11.5" D (20.3 cm x 21.6 cm x 29.2 cm)	Thin Profile Wall Mount 300	
	Materials	12-Gauge CRS with Black Powder Coat Paint
Weight 5.6 lbs. (2.5kg)	Dimensions	8" H x 8.5" W x 11.5" D (20.3 cm x 21.6 cm x 29.2 cm)
	Weight	5.6 lbs. (2.5kg)

