

WALLVIEW™ PRO Z330 WITH HSDS™

Vaddio™ EZCamera™ Interface Module and Quick-Connect™ PRO

The Vaddio WallVIEW PRO Z330 is built around the Sony® BRC-Z330 high definition pan/tilt/zoom camera. With a 2 megapixel CMOS image sensor and an 18x optical zoom lens, the WallVIEW PRO Z330 is an ideal choice for a wide range of high definition video applications. The WallVIEW PRO Z330's active electronics deliver high definition video up to 500' (152.4m) over standard CAT-5 cable. The WallVIEW PRO Z330 system includes the EZCamera Interface Module (EZIM) and Quick-Connect PRO (QCP) interface.

The WallVIEW PRO Z330 uses high speed differential signaling (HSDS) for the video signals, which delivers high definition video quality over longer CAT-5 cabling distances and the ability to adjust the signal depending on the length of the cabling used.

Overall, the WallVIEW PRO Z330 is superb for a wide range of high definition shooting applications. It is also highly suitable for applications in which images are displayed on large-screen displays, such as in houses of worship, in auditoriums of teaching hospitals, in corporate boardrooms, at sporting events, tradeshow or concerts and for distance-learning applications in which clear, high definition images are required.



Figure 1: WallVIEW PRO Z330 System with Camera, EZIM and Wall Mount

WHAT'S INCLUDED

- Sony BRC-Z330 High Definition PTZ Camera (1/3-type, 2 megapixel CMOS sensor)
- Vaddio EZCamera Interface Module (EZIM)
- Vaddio EZIM HD Break-out Cable
- Vaddio Quick-Connect PRO 1-RU Rack Mount Interface
- Sony IR Remote
- 36V PowerRite™ Power Supply
- EZCamera Control Adapter (RJ-45 to DB-9)
- Vaddio Thin Profile Wall Mount Z330
- Mounting Hardware
- Documentation

TECHNICAL FEATURES

Distances up to 500' (152.4m) with HSDS

The WallVIEW PRO Z330 uses high speed differential signaling (HSDS), which allows high definition video signals to be transmitted over longer CAT-5 cabling distances.

EZCamera Interface Module (EZIM)

The EZCamera Interface Module is a small camera interface module that mounts to the back of the wall mount.

Quick-Connect PRO (QCP)

The 1-RU QCP has (high definition) analog component video outputs (Y, Pb, Pr) for 1080i or 720p resolution signals.

IR Forwarding Feature

The IR Forwarding feature allows IR signals from Polycom and TANDBERG remotes to be sent through the EZIM/QCP to the codec's IR interface or IR window allowing maximum design flexibility.

Distance Adjustments

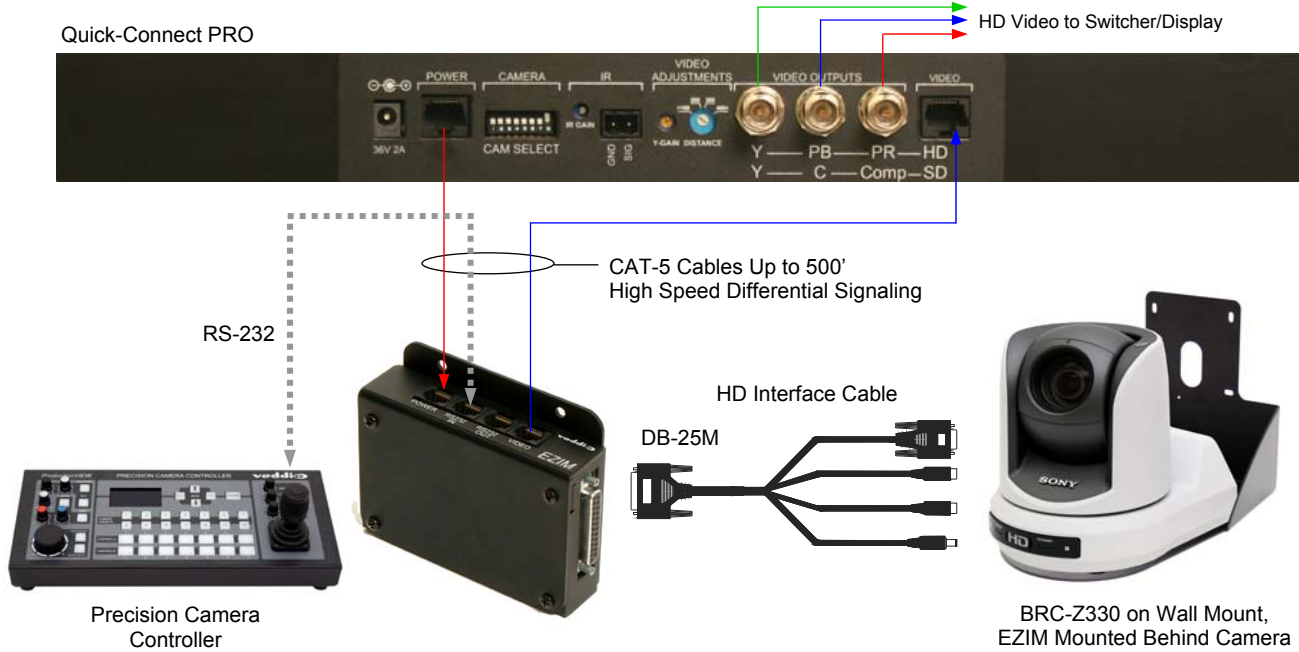
Because the WallVIEW PRO Z330 uses active electronics, there are four cable length adjustments (<100', 200', 300' 400'+) which equalize the length of the CAT-5 twisted pairs and vastly improves the HD video performance.

Superior Power Regulation

The WallVIEW PRO Z330 uses the PowerRite 36V power supply which is the key to providing the electrical current that the direct drive motor PTZ cameras, like the BRC-Z330 require to operate properly.

SYSTEM CONNECTIVITY

Figure 2: Basic system connectivity of a WallVIEW PRO Z330 System and Vaddio Precision Camera Controller



TECHNICAL SPECIFICATIONS

WallVIEW PRO Z330	
Part Numbers	WallVIEW PRO Z330 999-6855-000 (NTSC) WallVIEW PRO Z330 999-6855-001 (PAL)
<ul style="list-style-type: none"> Sony BRC-Z330 	
Image Device	1/3-type CMOS
Total Picture Elements	2 Megapixels (approximate)
Signal System	1080/59.94i, 1080/50i, 720/59.94p or 720/50p (switchable)
Lens	18x Optical Zoom (72x with digital zoom)
Focal Length	f=4.6 to 82.8mm
Minimum Illumination	6 lux (50 IRE, f1.6, +24 dB)
Horizontal Viewing Angle	3.3 to 55.1 degrees
Pan/Tilt Angle	-175 to +175 degrees (Pan), -30 to +90 degrees (Tilt)
<ul style="list-style-type: none"> Quick-Connect PRO Interface (QCP) 	
Connectors	Power Connector: 5.5mm OD x 2.5mm ID Power RJ-45: Supplies 36V to EZCamera Interface Module Regulator IR: 2-Pin Phoenix type spring cage connector Video Outputs: BNC Connectors for HD Analog Component (Y,PB,PR) Video RJ-45: Transports HD video from camera depending on camera selection switch position
Video Adjustments	Y-Gain (luminance gain) for fine tuning over longer cable distances Distance Compensation: 100', 200', 300', 400'+
Power Supply	36 VDC, 2.78 Amp
Dimensions	1-RU Rack Mount 1.75" H x 19" W x 6" D (4.4 cm x 48.3 cm x 15.2 cm)
<ul style="list-style-type: none"> EZCamera Interface Module (EZIM) 	
Cable Assemblies	For Sony BRC-Z330: DB-25M to DB-15HD/8-Pin Mini Din x 2/EIAJ4 Power Connector
Power Regulator	Supplies 12VDC to Cameras
Dimensions	Approx. 3" H x 4.5" W x 1.2" D (7.6 cm x 11.4 cm x 3 cm)
<ul style="list-style-type: none"> Thin Profile Wall Mount Z330 	
Materials	12-Gauge CRS with Black Powder Coat Paint
Dimensions	8" H x 8.5" W x 11.875" D (20.3 cm x 21.6 cm x 30.2 cm)
Weight	Approx. 4.5 lbs. (2 kg)