

WallVIEW™ HD-USB SR System



HD-USB PTZ Camera, CONCEAL Mount, Active USB 2.0 Extension Cable and Power Extension Module

Based on the remarkable Vaddio ClearVIEW™ HD-USB PTZ Conferencing Camera, the WallVIEW HD-USB SR (short range) System includes many of the features that you would expect out of a WallVIEW branded product. The ClearVIEW HD-USB is the world's first broadcast-quality HD PTZ camera with USB 2.0 output, Ethernet and analog component (YPbPr) outputs built right into the camera. Simply plug the HD-USB camera directly into your PC and there is no need for a separate capture device. The ClearVIEW HD-USB uses standard USB 2.0 UVC drivers, which means that no special USB drivers require installation or provide headaches. As a result the HD-USB camera works seamlessly with any software application running on any OS that supports USB 2.0 devices. All this, and the ClearVIEW HD-USB PTZ cameras are made in the USA.

The ClearVIEW HD-USB camera combines impressive performance with an equally impressive feature set. Because it uses UVC standard drivers for USB 2.0 video, the HD-USB camera is a plug and play camera for many Unified Communications soft client conferencing systems such as Lync® Skype®, Jabber®, and Vidyo® offering a vast improvement over the inexpensive webcam systems available today.

The HD-USB is a high definition conferencing camera suitable for the small, medium or even the largest conferencing space available. The HD zoom lens allows HD-USB to capture a wide angle of view (58.1°) to view everyone at a conference room table, as well as capture an individual from a long distance (3.2°) in a larger room. The motorized zoom lens offers 19X optical zoom and is built around a 1/3-Type Sony® Exmor, progressive scan, high-speed, low noise CMOS image sensor with a total of 1.3 Megapixels for precise and vibrant HD color video images. The HD-USB achieves improved picture quality even in low light environments requiring a minimum illumination rated at an amazingly low 0.7 LUX (F1.6 - 50IRE).

The WallVIEW HD-USB SR system includes the HD-USB camera, the CONCEAL camera mount, an active, port-powered 20m (65.6') USB-2.0 extension cable, the Vaddio Power Extension Module for extending power over CAT-5 cable to the camera and all the USB 2.0 cables, power supplies and mounting hardware that are required to install the WallVIEW HD-USB SR system.



INCLUDES

- HD-USB PTZ Camera
- PowerRite™ 12 VDC, 3.0 Amp Power Supply and Power Cable
- Vaddio IR Remote Commander
- EZCamera™ Control Adapter (RJ-45F to DB-9F)
- 10' (3.05m) USB 2.0 Type A (Male) to USB B (Male) Cable
- 1' (305mm) USB 2.0 Type A (Male) to USB B (Male) Cable
- 20m (65') Active, Port Powered USB 2.0 Extension Cable
- Power Extension Module
- PowerRite 24 VDC, 2.75 Amp Power Supply and Power Cable
- CONCEAL Mount and Hardware for the HD-USB Camera
- Documentation



FEATURES

- Professional Quality** The HD-USB PTZ Camera system is the world's first broadcast-quality HD PTZ camera with a USB 2.0 output, Ethernet streaming (H.264) and analog component (YPbPr) outputs built right into the camera. The HD-USB camera offers dealers and end-users a vast improvement over the "inexpensive webcam" systems available today.
- Easy to Install** WallVIEW peripheral package includes the CONCEAL mount for clean looking install, a 65.6' (20m) Active USB 2.0 Extension Cable and the Vaddio Power Extension Module for extending power to the camera over CAT-5 cable.
- Low Light Capable** The HD-USB achieves improved picture quality even in low light environments requiring a minimum illumination rated at an amazingly low 0.7 LUX (F1.6 - 50IRE).
- Made in the USA** The WallVIEW HD-USB system is made in the USA, at Vaddio, in the greater Minneapolis/St. Paul, Minnesota area.

TECHNICAL FEATURES (REAR PANEL CONNECTIONS)



CONNECTORS - TOP ROW, LEFT TO RIGHT

- Power Connector: EIAJ-04, 12VDC, 3.0 Amp
- HD Rotary Video Select Switch: Leave on setting "0" (720p/59.94)
- 10-Position Dip Switch for Camera Settings
- RJ-45 Jack for RS-232 Communication (disabled in HD-USB System - shown capped off)
- YPbPr Analog Component Output on DE-15
- SD (CVBS) Out on BNC Connector
- EZPower / HD Video RJ-45 for use with Quick-Connect SR Systems

CONNECTORS - BOTTOM ROW, LEFT TO RIGHT (ON PERMANENT SLOT CARD)

- Power Connector: EIAJ-03, 5 VDC for USB extension systems
- USB 2.0 Type-B Female connector
- Rotary Selection Switch for USB and H.264 Profile Selection
- Network Port with ready and usage LEDs
- RS-232 Port on RJ-45 for control of HD-USB camera functions

WallVIEW HD-USB SR System



CAT-5e Cable Delivers 24 VDC power up to 150' (45.7m)

65.6' (20m) Active USB 2.0 Extension Cable

Power Extension Module

PC (Not included)



SPECIFICATIONS

Part Numbers	WallVIEW HD-USB System 999-6994-000 (North America) WallVIEW HD-USB System 999-6994-001 (International)
Video Outputs	USB 2.0 (MJPEG), MPEG4/H.264 (IP), Analog Component (YPbPr), CVBS Resolution up to 1080p/30 (IP) or up to 720p/30 (USB 2.0) and 1080p/60 (YPbPr)
USB Interface	Connector: Type-B, USB 2.0 Compliant, Supported Drivers: Standard UVC, RNDIS device (no custom drivers)
Network Interface	Connector: RJ-45, 10/100 Base-T, Supported Protocols: RTSP Streaming, HLS Streaming
H.264 Resolutions (Release 2.0)	CIF, 640x480 (VGA), 480p, 720p/30 1080p/30 (1080p Ethernet only)
User Control	Vaddio IR Remote Commander, On Screen Display for camera set-up, RS-232, Ethernet (webpage) and USB 2.0
Supported Media Players	Windows Media Player, Apple Quick-Time and VLC Media Player
Supported Browsers	Internet Explorer, Safari, Safari/iOS, Chrome, FireFox
Image Sensor	1/3-Type Exmor High-speed, Progressive Scan CMOS Sensor with 1.3 Megapixels
Minimum Illumination	0.7 LUX (F1.6, 50IRE)
Lens/Focal Length	19X Optical Zoom, F=4.5mm wide to 85mm tele (F1.6-F2.9), Min. Focus Distance 1.0m
Horizontal Viewing Angle	58.1° Wide End to 3.2° Tele End - 16:9 Format
Pan Range	Pan: +170 degrees to -170 degrees, Tilt: +90 degrees to -30 degrees, Invertible for Ceiling Mount
Preset Positions	16 (internal), 6 recalled via IR Remote
USB 2.0 Extension Cable	65.6' (20m) active USB 2.0 Extension Cable, Port Powered
Power Extension Module	Module adapts 24 VDC to CAT-5 (Pins 1&2) for extension to the EZ POWER VIDEO Port, Extend Power up to 150' (45.7m)
Mount	CONCEAL Mount included in WallVIEW HD-USB SR System package
General Information	
Operating Temperature	32° to 104° F (0° to 40° C) / 20% to 80% Relative Humidity
Dimensions/Weight	7.81" (198.37mm) H x 6.67" (169.42mm) W x 7.057" (179.25. mm) D / 6.04 lbs. (2.7397kg.)

Learn more about our complete line of cameras and camera control equipment at 800-572-2011 or vaddio.com

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