WideSHOT SE
Fixed Wide Angle Camera

ORDERING INFORMATION
WideSHOT SE QUSB System
999-6911-200 (North America)
999-6911-201 (International)
WideSHOT SE QMini System
999-6911-300 (North America)
999-6911-301 (International)
WideSHOT SE AVBMP
999-6911-500 (Worldwide)

OVERVIEW
The Vaddio WideSHOT™ SE wide angle point of view camera is an impressive HD video camera designed for small or "huddle" type UC conference room applications that support a small group (3 to 4 people) or executive office. Designed for use as a main camera for many UC conferencing platforms, the WideSHOT SE captures full motion, native HD video images with a 111° wide horizontal field of view in a 16:9 HD format. Its fixed lens has a 3x digital zoom mode, and offers manual pan/tilt positioning. The WideSHOT SE offers excellent video quality with resolution up to 1080p/60. The advanced 1/2" CMOS image sensor offers our best low light performance to date, also making it ideal for use in dimly lit auditoriums to capture a wide shot of the audience or stage.

Like the ZoomSHOT™ 20, the WideSHOT SE camera uses the Vaddio EZCamera™ Cat-5 wiring standard for video, power and control. Using the Vaddio HSDS™ (high speed differential signal) video outputs over Cat-5 cable, the WideSHOT SE supplies a wide range of video resolutions that are selectable from the rear panel (from 480p/59.94-YPbPr up to and including 1080p/60). The HSDS processing allows delivery of the WideSHOT's HD video signals up to 150' (45.7 m).

Choose between three (3) IR frequencies for the Vaddio Shot Commander IR Remote Commander to allow multiple cameras to be locally IR controlled with a single IR remote control. The WideSHOT SE also has an OSD (on screen display) for easy set-up and basic image control that's accessible with an IR remote.

The WideSHOT SE is sold in packages with the Quick-Connect USB and Quick-Connect USB Mini. The choice of Quick-Connect packages simply makes the WideSHOT camera one of the best values and most versatile wide-angle, point-of view UC Conferencing cameras available today.

CONNECTOR PANEL
1. **RS-232 Port:** Accepts modified VISCA protocol for camera control.
2. **EZ Power/Video Port:** This RJ-45 connector is only used with the Quick-Connect USB and USB Mini Interfaces to supply power and return HSDS (differential) video from the camera over Cat-5 cable up to distance of 150' (45.72m).
3. **WideSHOT SE DIP Switch Settings:** Settings for IR remote frequency, IR receiver on/off, image flip, and digital zoom can be configured on these switches.
4. **HD Video Select:** A rotary switch allows the user to choose the HD output video resolution and format.

WHAT'S INCLUDED
WideSHOT SE QMini Camera System
• One (1) WideSHOT SE camera (998-6911-200)
• One (1) Vaddio IR Shot Commander Remote
• Two (2) AAA Batteries
• One (1) Thin Profile Wall Mount
• Two (2) 1-5/8" Nylon self-drilling drywall anchors
• Two (2) #8 x 1.25" sheet metal screws
• Two (2) black oxide ¼-20 x ½" pan head screws
• One (1) Quick-Connect USB Mini Interface (998-1105-039)
• One (1) 24 VDC 2.08 A power supply and power cable(s)
• One (1) 6ft USB 2.0 cable, Type A to Type B
• One (1) Quick-Start Guide for WideSHOT SE Fixed Camera
• One (1) Quick-Start Guide for Quick-Connect USB Mini Extender

WideSHOT SE QUSB Camera System
• One (1) WideSHOT SE camera (998-6911-200)
• One (1) Vaddio IR Shot Commander Remote
• Two (2) AAA Batteries
• One (1) Thin Profile Wall Mount
• Two (2) 1-5/8" Nylon self-drilling drywall anchors
• Two (2) #8 x 1.25" sheet metal screws
• Two (2) black oxide ¼-20 x ½" pan head screws
• One (1) Quick-Connect USB Interface (998-1105-038)
• One (1) 24 VDC 2.08 A power supply with power cable(s)
• One (1) 6ft USB 2.0 cable, Type A to Type B
• Four (4) Rubber feet for QUSB if not rack mounted
• One (1) EZCamera Control Adapter (998-1001-232)
• One (1) Quick-Start Guide for WideSHOT SE Fixed Camera
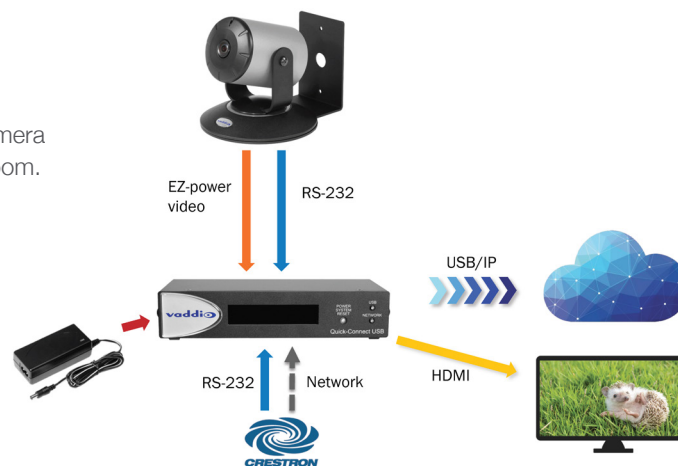• One (1) Quick-Start Guide for Quick-Connect USB

TECHNICAL SPECIFICATIONS

Image Sensor	½" CMOS 2.4M Pixels (Total) / 2.1M Pixels (Active)
Video Output Resolutions	**HD:** 1080/59.94/50/30/25, 1080i/59.94/50, 720p/59.94/50 **SD:** 480p/59.94 & 576p/50
Lens/ Focus	Approx. 3X Digital Zoom, fixed focus
Horizontal Viewing Angle	111° (wide), 95° (tele)
Video S/N Ratio	>50 dB
Minimum Illumination	0.2 LUX
Serial Control Protocol	RS-232 Serial Control, 9600 baud
Manual Pan/Tilt Range	**Pan:** Limited to service loop of cabling, yoke and base are mechanical only **Tilt:** ± 30° Invertible for Ceiling Mount
Preset Positions	N/A
Tally Light	Red LED available through RS-232 Control
Camera Connectors	**Two (2) RJ-45 Jacks:** • EZ-Power VIDEO RJ-45 Jack for use with Quick-Connect - Supplies power to the camera and returns differential HD video from the camera • RS-232 RJ-45 Jack (Serial Communication)
HD Video Select	**16-Position Rotary Switch:** Used to set HD Video Resolution Output
Camera Settings	**6-Position Dip Switch:** For IR Freq., Image Flip & Digital Zoom 16-Position Rotary Switch for Output Resolution Settings
Thin Profile Wall Mount	535-2000-237 (included) Black powder coating, sized to fit on 1-gang wall box or with supplied drywall fasteners
User Controls	IR SHOT Commander and RS-232. With On Screen Display (OSD) for configuration.
Materials & Weight	Aluminum & Steel, Weight = 2.25 lbs. (1.02kg)
Dimensions:	**Tube:** 3.5" (88.9mm) Diameter x 4" (101.6mm) Long (including front bezel) **Base:** 5.5" (139.7mm) Diameter **Overall Height:** 5.5" (139.7mm) Tall

Specifications are subject to change without notice.

BASIC CONNECTION

Here is an example of how the camera might be set up in a conference room.

EZ-power video

RS-232

USB/IP

RS-232   Network   HDMI

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