

# CAMERA SELECTION GUIDE



**vaddio**

# Choose Your Camera

## Vaddio® Makes It Easy

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### Consider the Room Environment

- How large is the room? Where will you place the camera(s) to have an unobstructed view? Large auditoriums need higher magnification than classrooms or conference rooms. Small rooms may need a wide angle of view.
- How much light is in the room? Will the lighting be sufficient for the camera? Normal office lighting is 320 to 500 lux, while moonlight is 1 lux.

### Consider Subject Matter & Zoom

- What is your subject matter? One person – head and shoulders view? Three people? A group of 20 people? How will you frame the subject matter? Will you need a zoom lens?

### Consider Video Output Connections

- Vaddio cameras connect to other equipment, so consider what kind of connections you'll need. What is your camera connected to? What video output format is required?
- Will you need camera cable extensions? Extend your reach with Vaddio's OneLINK digital extenders and Quick Connect HSDS (high speed differential signaling) extenders which extend video, power and control. For details, see Cables and Connections on back.












### Consider Vaddio Cameras



- For best image quality, choose RoboSHOT® 20 UHD or RoboSHOT 40 UHD
- For best low light performance, choose RoboSHOT 30E HDBT
- For widest field of view with PTZ functions, choose a camera from the ConferenceSHOT lineup (74°)
- For widest field of view without PTZ functions, choose HuddleSHOT (125°)
- IP streaming capable: RoboSHOT 12E SDI/HDMI/HDBT/USB Series  
RoboSHOT 30E SDI/HDMI/HDBT/USB Series  
RoboSHOT 20 UHD  
RoboSHOT 40 UHD  
ConferenceSHOT Series  
DocCAM 20 HDBT  
RoboSHOT IW  
RoboFLIP 30 HDBT  
HuddleSHOT
- All Vaddio cameras include: IR remote, wall mount, mounting hardware, power supply or PoE injector, AC cord set, and EZCamera Control Adapter RJ-45F to DE-9F.



















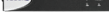
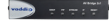

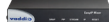
Camera extensions				
	Model	Input	Output	Extension
	Quick-Connect USB	Two Cat. 5 cables	USB 2.0 / YpPr / HDMI	100' (30.5m)
	Quick-Connect USB Mini	Two Cat. 5 cables	USB 2.0	100' (30.5m)
	Quick-Connect Universal CCU	Three Cat. 5 cables	HDMI / HD-SDI / HD YPbPr	500' (150M)
	OneLINK HDMI	One Cat. 5e/6 cable	HDMI	328' (100M)
	OneLINK Bridge	One Cat. 5e/6 cable	USB 3.0 / HDMI / HD-SDI / Audio I/O IP Streaming	328' (100M)
	Codec Kits for OneLINK HDMI	One Cat. 5e/6 cable	HDMI / IP Streaming	328' (100M)
	Codec Kits for OneLINK Bridge	One Cat. 5e/6 cable, EZIM for 3 <sup>rd</sup> party camera	USB 3.0 / HDMI / HD-SDI / Audio I/O IP Streaming	328' (100M)

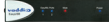







Controllers		
Tracking and trigger		
Model	Key Features	
	RoboTRAK	<ul style="list-style-type: none"> <li>Smooth and accurate presenter tracking system</li> <li>Compatible with RoboSHOT cameras</li> <li>Web-based configuration</li> </ul>
	PresenterPOD	<ul style="list-style-type: none"> <li>Manual preset trigger</li> <li>Interface supports up to 2 PODs for 8-total triggers</li> <li>Choices of momentary or latching triggers</li> </ul>

Touch-screen multiviewer					
	Model	Input	Panel	Control	Connection
	TeleTouch 22" HD	DVI-D	22-inch diagonal resistive touch screen surface	RS-232 (DB-9F)	ProductionVIEW HD MV ProductionVIEW HD-SDI MV
	TeleTouch 27" USB	HDMI / Display Port / VGA / Audio	27-inch (68.6cm) diagonal capacitive touch screen surface	USB 2.0 cable	AV Bridge MatrixMIX

Camera controller					
	Model	Input	Output	Controls	Built-in function
	ProductionVIEW HD	6 Inputs, (6 - DE-15): RGBHV, HD Component (YPbPr), or Y-C & Composite using adapter cables	Two (2 - DE-15) Preview Outputs: RGBHV, HD Component (YPbPr), or Y-C & Composite using adapter cables—same resolution on each output	6 cameras	No Multiviewer
	ProductionVIEW HD MV	6 Inputs, Analog HD YPbPr video, RGBHV, SD (Y/C and CVBS) DVI-I input	Both analog (YPbPr, RGBHV, Y/C & CVBS) and digital (DVI-D & HDMI) outputs	6 cameras	Multiviewer capabilities
	ProductionVIEW HD-SDI MV	6 Inputs, HD-SDI/SDI (480i to 1080p) and DVI-I	HD-SDI and HDMI Output	6 cameras	Multiviewer capabilities
	ProductionVIEW Precision Camera Controller	7 discrete auto-sensing RS-232C camera control ports	External control capability (RS-232 and Tally); Link port for linking to second Precision Camera controller up to 500 feet	7 cameras	No Multiviewer
	PCC Premier	Network, 8x RS232	HDMI	Up to 80 IP cameras + 8 RS-232 cameras	H.264 decoder
	PCC MatrixMIX	Network	—	Control up to 8 PTZ cameras	H.264 decoder
	Vaddio Device Controller	Network (PoE)	—	Control any Vaddio device with a web interface	—

Accessories		
	Model	Key Features
	USB 2.0/3.0 extenders	<ul style="list-style-type: none"> <li>Up to 100m of extension</li> <li>Plenum-rated cabling solution</li> <li>Supports USB 3.1 Gen 1, USB 2.0, and USB 1.1</li> <li>Plug and play - no software drivers needed</li> </ul>
	USB 2.0/3.0 cables USB 3.0 Active Optical Cables	<ul style="list-style-type: none"> <li>8m, 15m, 30m—fully shielded active cable</li> <li>No external power source needed</li> <li>USB port powered</li> <li>Supports USB 3.0, 2.0 &amp; 1.1   Active Optical Cables support USB 3.0, 3.1 Gen 1, 3.1 Gen 2</li> </ul>
	Mounts	<ul style="list-style-type: none"> <li>Various camera mounting solutions for Vaddio or other brands</li> </ul>

UCC solutions & switches					
AV to USB encoders					
	Model	Input	Audio Output	Connection	Stream
	AV Bridge	1x Video and Audio Input	Via USB 2.0	USB 2.0, Network	<ul style="list-style-type: none"> <li>RTSP, capture and stream meetings directly to PC (USB) or network (IP) *Not available simultaneously</li> <li>IP streaming enables up to 1080p/30 using H.264</li> <li>Stream direct to PC with USB 720p/30 sources using MJPEG encoding with PCM uncompressed audio</li> </ul>
	AV Bridge CONFERENCE	1x Video and Audio Input	1x Audio Output and other pro audio products with AEC	USB 2.0, Network	<ul style="list-style-type: none"> <li>RTSP, Capture and stream meetings directly to PC (USB) or network (IP) *Not available simultaneously</li> <li>IP streaming enables up to 1080p/30 using H.264</li> <li>Stream direct to PC with USB 720p/30 sources using MJPEG encoding with PCM uncompressed audio</li> </ul>
	AV Bridge MATRIX PRO	4x Input HD video switcher, 9x5 cross-point audio matrix mixer/switcher; four EasyMic audio ports with built-in AEC; four Mic/Line Inputs (with 4-AECs and phantom power for mics)	4x Audio output	USB 2.0, Network	<ul style="list-style-type: none"> <li>RTSP, Capture and stream meetings directly to PC (USB) or network (IP) *Not available simultaneously</li> <li>IP streaming enables up to 1080p/30 using H.264</li> <li>Stream direct to PC with USB 720p/30 sources using MJPEG encoding with PCM uncompressed audio</li> </ul>
	AV Bridge MatrixMIX	8x2 video and 11x7 audio mixer supports analog, HDMI, USB and IP audio channels	8x2 video mixer with multiviewer output	USB 3.0, Network	<ul style="list-style-type: none"> <li>Embedded RTSP IP and USB 3.0 output streaming</li> </ul>
	AV Bridge Mini	1x Video and 2x Audio Input	2x Audio Output	USB 3.0, Network	<ul style="list-style-type: none"> <li>Embedded RTSP/RTMP IP and USB 3.0 output streaming. Available simultaneously</li> </ul>
	AV Bridge 2x1	2x Video and 2x Audio Input with 4x4 Dante audio matrix	2x Audio Output 4x4 Dante audio matrix	USB 3.0, Network	<ul style="list-style-type: none"> <li>Embedded RTSP/RTMP IP, USB 3.0 output streaming, HDMI output</li> </ul>
	EasyIP Decoder	1x network port for EasyIP video and 2x EasyMic audio ports with built-in AEC	1x Audio Output	USB 3.0, Network	<ul style="list-style-type: none"> <li>USB 3.0 output streaming</li> </ul>
	EasyIP Mixer	1x Video and 1x network port for EasyIP Video 2x Audio Input with 4x4 Dante audio matrix	2x Audio Output 4x4 Dante audio matrix	USB 3.0, Network	<ul style="list-style-type: none"> <li>USB 3.0 output streaming, HDMI output</li> </ul>

Audio					
	Model	Key Features		Model	Key Features
	EasyUSB Mixer/Amp	<ul style="list-style-type: none"> <li>Support up to two EasyMic devices (TableMIC or CeilingMIC Microphone)</li> <li>2 x 20 Watt Class-D amplifier with 2-Pin Euro Terminal</li> <li>USB 2.0 Audio Class Device (UAC) / no drivers required</li> <li>Auxiliary Line Input and Output</li> <li>Unbalanced Line Input and Output (RCA)</li> </ul>		EasyIP CeilingMIC D Microphone	<ul style="list-style-type: none"> <li>Dante networked audio</li> <li>Three unidirectional cardioid elements</li> <li>Three element array head for 360 degree coverage</li> <li>Built-in DSP with echo cancellation</li> <li>36-inch adjustable drop cable</li> <li>Black and white color options</li> </ul>
	TableMIC Microphone	<ul style="list-style-type: none"> <li>Three unidirectional condenser elements for 360 degree coverage</li> <li>Typical pickup coverage of 6-10 feet</li> <li>Built-in DSP with echo cancellation</li> <li>Single Cat.5 cable connection up to 100 feet with audio, control and power</li> <li>Black &amp; white color options</li> </ul>		Vaddio Ceiling Speaker	<ul style="list-style-type: none"> <li>Optimized for voice</li> <li>Ceiling or wall mountable</li> <li>Easy to install with removeable phoenix-style plug and magnetic grille</li> <li>Included ceiling tile brace</li> </ul>
	EasyIP TableMIC D Microphone	<ul style="list-style-type: none"> <li>Dante networked audio</li> <li>Three unidirectional condenser elements for 360 degree coverage</li> <li>Typical pickup coverage of 6-10 feet</li> <li>Built-in echo cancellation</li> <li>Single Cat.5 cable connection up to 100 feet with audio, control and power</li> <li>Black and white color options</li> </ul>		EasyIP Ceiling Speaker D	<ul style="list-style-type: none"> <li>Dante networked audio</li> <li>Optimized for voice</li> <li>Ceiling or wall mountable</li> <li>Easy to install with RJ45 connector, Cat5 cable connection and magnetic grille</li> <li>Included ceiling tile brace</li> </ul>
	CeilingMIC Microphone	<ul style="list-style-type: none"> <li>Three unidirectional cardioid elements</li> <li>Three element array head with LED mute status indicator</li> <li>Built-in DSP with echo cancellation</li> <li>36-inch adjustable drop cable</li> <li>Black and white color options</li> </ul>	 <h3>Vaddio Deployment Tool</h3> <ul style="list-style-type: none"> <li>FREE to download and no monthly subscription fees</li> <li>Find all compatible devices on your network</li> <li>Choose actions like reboot device or unmute audio</li> <li>Mass Firmware update across devices</li> <li>Rename, set location, and group devices</li> <li>Share device configurations and export data to Excel</li> </ul>		



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