

CAMERA SELECTION GUIDE

ELEVATE YOUR AV EXPERIENCE WITH VADDIO
PRODUCTS - BACKED BY INDUSTRY-LEADING SUPPORT
AND THE ART OF EASY.



CHOOSE YOUR CAMERA

Vaddio® Makes It Easy



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




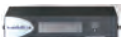



- Vaddio cameras connect to other equipment, so consider what kind of connections you'll need. What is your camera connected to? What video output format is required?
- Will you need camera cable extensions? Extend your reach with Vaddio's OneLINK digital extenders and Quick Connect HSDS (high speed 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°)
- For overhead imaging, choose a DocCAM In-Ceiling Document Camera
- IP streaming capable:







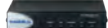

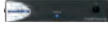

ConferenceSHOT Series	RoboSHOT 12E SDI/HDMI/HDBT/USB Series
ConferenceSHOT ePTZ	RoboSHOT 30E SDI/HDMI/HDBT/USB Series
DocCAM 4K HDBT	RoboSHOT 20 UHD
HuddleSHOT	RoboSHOT 40 UHD
IntelliSHOT	RoboSHOT IW
PrimeSHOT Series	Venture VideoBAR
RoboFLIP 30 HDBT	
- All Vaddio cameras include: IR remote, wall mount, mounting hardware, Vaddio Deployment Tool remote management application, and US-based tech support.








Camera extensions				
	Model	Input	Output	Extension
	Quick-Connect USB	Two Cat. 5 cables	USB 2.0 / YPbPr / 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/ OneLINK Bridge Express	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	328' (100M)
	Codec Kits for OneLINK Bridge	One Cat. 5e/6 cable, EZIM for 3 rd party camera	USB 3.0 / HDMI / HD-SDI / Audio I/O IP Streaming	328' (100M)

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

Touch-screen multiviewer				
Model	Input	Panel	Control	Connection
	DVI-D	22-inch diagonal resistive touch screen surface	RS-232 (DB-9F)	ProductionVIEW HD MV ProductionVIEW HD-SDI MV
	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
	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
	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
	6 Inputs, HD-SDI/SDI (480i to 1080p) and DVI-I	HD-SDI and HDMI Output	6 cameras	Multiviewer capabilities
	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
	Network, 8x RS232	HDMI	Up to 80 cameras + 8 RS-232 cameras	H.264 decoder
	Network	HDMI	Control up to 8 PTZ cameras	H.264 decoder
	Network (PoE+)	HDMI	Control up to 4 PTZ Cameras	—
	Network (PoE+)	HDMI	Control up to 4 EasyIP Cameras	—
	Network (PoE)	—	Control any Vaddio device with a web interface	—




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"> • RTSP, capture and stream meetings directly to PC (USB) or network (IP) *Not available simultaneously • IP streaming enables up to 1080p/30 using H.264 • Stream direct to PC with USB 720p/30 sources using MJPEG encoding with PCM uncompressed audio
	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"> • RTSP, Capture and stream meetings directly to PC (USB) or network (IP) *Not available simultaneously • IP streaming enables up to 1080p/30 using H.264 • Stream direct to PC with USB 720p/30 sources using MJPEG encoding with PCM uncompressed audio
	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"> • RTSP, Capture and stream meetings directly to PC (USB) or network (IP) *Not available simultaneously • IP streaming enables up to 1080p/30 using H.264 • Stream direct to PC with USB 720p/30 sources using MJPEG encoding with PCM uncompressed audio
	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"> • Embedded RTSP IP and USB 3.0 output streaming
	AV Bridge Mini	1x Video and 2x Audio Input	2x Audio Output	USB 3.0, Network	<ul style="list-style-type: none"> • Embedded RTSP/RTMP IP and USB 3.0 output streaming. Available simultaneously
	AV Bridge Nano	1x Video and Audio Input	1x Audio Output, USB 3.0 Output	USB 3.0, Network	<ul style="list-style-type: none"> • RTSP, capture and stream meetings directly to PC (USB) or network (IP) *Not available simultaneously • IP streaming enables up to 1080p/30 using H.264 • Stream direct to PC with USB 3.0 in 1080p/60 with stereo bi-directional audio
	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"> • Embedded RTSP/RTMP IP, USB 3.0 output streaming, HDMI output
EasyIP AV-over-IP Solutions					
Model	Input	Audio Output	Connection	Stream	
	EasyIP Tx/Rx HDMI Encoder or Decoder	HDMI and Analog Audio or EasyIP and Dante	HDMI and Analog Audio or EasyIP and Dante	Network	<ul style="list-style-type: none"> • HDMI Output
	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"> • USB 3.0 output streaming
	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"> • USB 3.0 output streaming, HDMI output

Audio			
Model		Key Features	
	EasyUSB Mixer/Amp	<ul style="list-style-type: none"> Support up to two EasyMic devices (TableMIC or CeilingMIC Microphone) 2 x 20 Watt Class-D amplifier with 2-Pin Euro Terminal USB 2.0 Audio Class Device (UAC) / no drivers required Auxiliary Line Input and Output Unbalanced Line Input and Output (RCA) 	
	TableMIC Microphone	<ul style="list-style-type: none"> Three unidirectional condenser elements for 360 degree coverage Typical pickup coverage of 6-10 feet Built-in DSP with echo cancellation Single Cat.5 cable connection up to 100 feet with audio, control and power Black & white color options 	
	EasyIP TableMIC D Microphone	<ul style="list-style-type: none"> Dante networked audio Three unidirectional condenser elements for 360 degree coverage Typical pickup coverage of 6-10 feet Built-in DSP with echo cancellation Single Cat.5 cable connection up to 100 feet with audio, control and power Black and white color options 	
	CeilingMIC Microphone	<ul style="list-style-type: none"> Three unidirectional cardioid elements Three element array head with LED mute status indicator Built-in DSP with echo cancellation 36-inch adjustable drop cable Black and white color options 	
	EasyIP CeilingMIC D Microphone	<ul style="list-style-type: none"> Dante networked audio Three unidirectional cardioid elements Three element array head for 360 degree coverage Built-in DSP with echo cancellation 36-inch adjustable drop cable Black and white color options 	
	Vaddio Ceiling Speaker	<ul style="list-style-type: none"> Optimized for voice Ceiling or wall mountable Easy to install with removeable phoenix-style plug and magnetic grille Included ceiling tile brace 	
	EasyIP Ceiling Speaker D	<ul style="list-style-type: none"> Dante networked audio Optimized for voice Ceiling or wall mountable Easy to install with RJ45 connector, Cat5 cable connection and magnetic grille Included ceiling tile brace 	



Vaddio Deployment Tool

- FREE to download and no monthly subscription fees
- Find all compatible devices on your network
- Choose actions like reboot device or unmute audio
- Mass Firmware update across devices
- Rename, set location, and group devices
- Share device configurations and export data to Excel

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