

**VADDIO**  
A brand of **legrand**

# CAMERA SELECTION GUIDE



# 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.



HDMI



USB



HD-SDI



RGBHV/  
Component



DVI



HDBT



RTSP



RTMP



EasyIP










NDI



## 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:
  - ConferenceSHOT Series
  - ConferenceSHOT ePTZ
  - DocCAM 20 HDBT
  - HuddleSHOT
  - IntelliSHOT
  - PrimeSHOT Series
  - RoboFLIP 30 HDBT
  - RoboSHOT 12E SDI/HDMI/HDBT/USB Series
  - RoboSHOT 30E SDI/HDMI/HDBT/USB Series
  - RoboSHOT 20 UHD
  - RoboSHOT 40 UHD
  - RoboSHOT IW
- 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 / 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/<br>OneLINK Bridge Express | One Cat. 5e/6 cable                                           | USB 3.0 / HDMI / HD-SDI / Audio I/O<br>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,<br>EZIM for 3 <sup>rd</sup> party camera | USB 3.0 / HDMI / HD-SDI / Audio I/O<br>IP Streaming | 328' (100M)  |







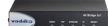

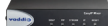
| Controllers                                                                       |                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>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                              |








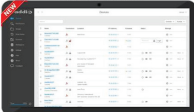
| Camera controller                                                                   |                                            |                                                                                             |                                                                                                                                        |                                                |                          |
|-------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------|
|                                                                                     | 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 cameras + 8 RS-232 cameras            | H.264 decoder            |
|  | PCC MatrixMIX                              | Network                                                                                     | HDMI                                                                                                                                   | Control up to 8 PTZ cameras                    | H.264 decoder            |
|  | PCC Mini                                   | Network (PoE+)                                                                              | HDMI                                                                                                                                   | Control up to 4 PTZ Cameras                    | —                        |
|  | EasyIP PCC                                 | Network (PoE+)                                                                              | HDMI                                                                                                                                   | Control up to 4 EasyIP Cameras                 | —                        |
|  | Vaddio Device Controller                   | Network (PoE)                                                                               | —                                                                                                                                      | Control any Vaddio device with a web interface | —                        |

## 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 Nano       | 1x Video and Audio Input                                                                                                                                                           | 1x Audio Output, USB 3.0 Output                       | USB 3.0, 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 3.0 in 1080p/60 with stereo bi-directional audio</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>                                                                          |  <b>Vaddio Deployment Tool</b> | <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> |

### 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<br>USB 3.0 Active Optical Cables | <ul style="list-style-type: none"> <li>8m, 15m, 30m—fully shielded active cable</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> <li>No external power source needed</li> <li>USB port powered</li> </ul> |
|  Mounts                                              | <ul style="list-style-type: none"> <li>Various camera mounting solutions for Vaddio or other brands</li> </ul>                                                                                                                                                       |

**VADDIO**  
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LEGRAND | AV COMMERCIAL BRANDS  
C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold

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