

# PTZ

Pan, tilt, zoom cameras





# VADDIO & PTZ

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At Vaddio all of our cameras are made in the USA and set a global standard for quality, performance and value that span in applications everywhere from Unified Communication and Collaboration conferencing to a live event setting. Whether you are looking for a robotic high-definition PTZ camera or a fixed, powerful point-of-view camera, Vaddio has the most complete camera line for AV applications on the market today.

By controlling all aspects of product development, from design to manufacturing, Vaddio is in the unique position to offer our customers the latest, highest quality PTZ camera technology, at a price point to suit every budget. Installers, designers and end users count on Vaddio for the industry's most advanced PTZ camera solutions. From our top of the line RoboSHOT Series cameras to our class-leading PowerVIEW, ClearVIEW and POV cameras, Vaddio brings unprecedented capabilities and performance to your most demanding customers.

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unified communications





## RoboSHOT 12 USB

999-9920-000 (NA) | 999-9920-001 (INTL)

Vaddio's RoboSHOT 12 USB camera is the world's first enterprise-class USB 3.0 camera with simultaneous USB and IP (H.264) streaming complete with an HDMI video output. RoboSHOT 12 USB uses standard Universal Video Class (UVC) drivers giving you a seamless connection to any application on any OS. Major innovations of the RoboSHOT 12 USB include its PoE+ GB Ethernet port, which allows the user to power the camera over the network, and the built-in web server that gives the user camera control with a web browser from anywhere in the world over the IP Network. Simply enter the camera's streaming URL into a standards based media player to watch the IP stream and control RoboSHOT 12 USB simultaneously.

### Features

- 12X optical zoom and 73-degree wide horizontal field-of-view
- Simultaneous USB 3.0 and IP Streaming
- Tri-Synchronous Motion Technology: pan, tilt and zoom simultaneously
- Built-in web server for configuration, control and remote management
- USB 3.0 allows for uncompressed video for much higher video quality.





courtroom





## RoboSHOT 12 and 30 HDMI

Vaddio's RoboSHOT HDMI cameras feature HDMI out, an Ethernet Port for IP control, an advanced image signal processor (ISP) and Vaddio's world-class camera robotic technology with Tri-Synchronous Motion.

The RoboSHOT HDMI series is designed for simplicity in applications that only need HDMI video. Control functionality is accomplished by Telnet, RS-232, IR Remote and the camera's built-in web server, which allows users to control the camera functions on a web page with any browser over the IP network.

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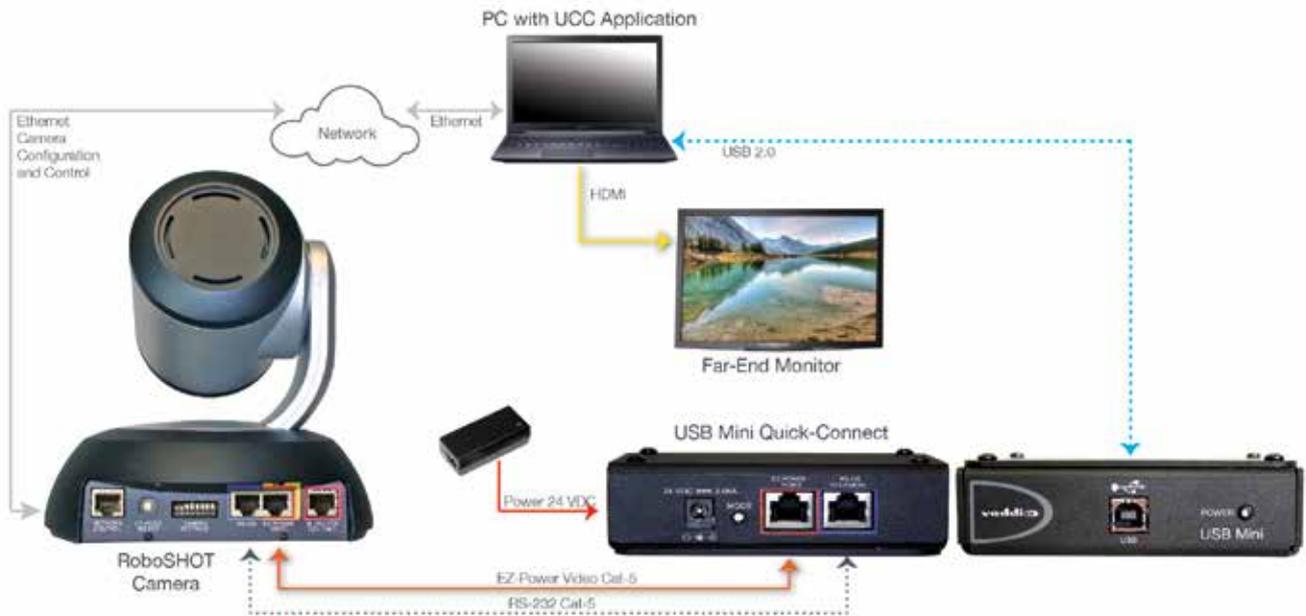
### Features

- 12X or 30X optical zoom
  - HDMI or DVI-D Output
  - Built-in web server for configuration, control and remote management
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conference room





## RoboSHOT 12 (Cat.5)

PURCHASE AS PART OF A QUICK-CONNECT SYSTEM

The RoboSHOT 12 is a powerful and professional PTZ camera system with the highest quality imaging in its class, exceptional detail, true color reproduction and fully equipped with Vaddio's Tri-Synchronous Motion Technology. The RoboSHOT 12 is optimized for small-to-medium sized conference rooms, training rooms or classrooms that require a wider angle-of-view with its 12X zoom and up to 73-degree wide horizontal field-of-view.

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### Features

- 12X optical zoom
  - Tri-Synchronous Motion Technology
  - Built-in web server for setup and control
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## RoboSHOT 30 (Cat.5)

PURCHASE AS PART OF A QUICK-CONNECT SYSTEM

The RoboSHOT 30 is a powerful and professional PTZ camera system with the highest quality imaging in its class, exceptional detail, true color reproduction and fully equipped with Vaddio's Tri-Synchronous Motion Technology. The RoboSHOT 30 was designed for large venues with a 30X zoom and 63.7-degree wide horizontal field-of-view.

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### Features

- 30X optical zoom
  - Tri-Synchronous Motion Technology
  - Built-in web server for setup and control
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classroom





## ClearVIEW HD-20SE

Black 999-6980-000 (NA) | 999-6980-001 (INTL)

White 999-6980-000AW (NA) | 999-6980-001AW (INTL)

The best combined features and functions of its ClearVIEW predecessors (HD-18, HD-19, and HD-20). A major innovation to the HD-20SE camera is its advanced high-speed, low noise, 1/2.8-Type Exmor CMOS image sensor and advanced Image Signal Processor (ISP). The combination of the ISP and the image sensor provide exceptional low-light performance, rated at an astonishing 0.3 Lux (color). In addition to the advanced ISP, the HD-20SE comes equipped with a 20X auto-focus zoom lens providing a 63-degree wide horizontal field-of-view to 3.47-tele horizontal field-of-view for a wide range of applications. \*Available in Arctic White (shown) and Black.

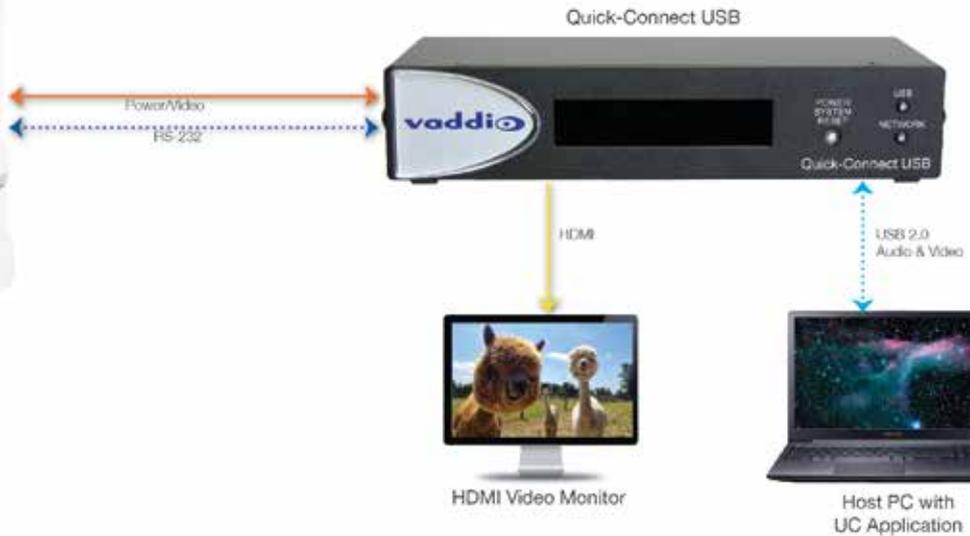
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### Features

- Advanced ISP  
1/2.8-Type Exmor CMOS image sensor and ISP
  - 0.3 Lux (color) for great low light performance
  - 63-degree wide horizontal field-of-view
-



city council chambers





## PowerVIEW HD-22

999-6960-000 (NA) | 999-6960-001 (INTL)

The PowerVIEW HD-22 is the industry's first robotic PTZ camera to use the new CMOS 1/2.8-Progressive Scan imaging sensor. The HD-22 comes equipped with a multi-element 22X optical glass auto-focus zoom lens that provides up to a 65.2-degree field-of-view for a wide range of telephoto or wide-angle shot options. The advanced 1/2.8-Type, progressive scan image sensor provides for delicate gradations, realistic textures and vivid colors that are comparable to 3-chip camera performance. The HD-22 has excellent low-light capabilities with a minimum illumination rating of 0.4 Lux (color).

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### Features

- 22X optical zoom
  - CMOS 1/2.8 Progressive Scan imaging sensor
  - 65.2-degree field-of-view
- 



## PowerVIEW HD-30

999-6970-000 (NA) | 999-6970-001 (INTL)

The PowerVIEW HD-30 brings 3-Chip broadcast camera performance to a Single-Chip camera. The HD-30 improves color and brightness uniformity, ensuring an improved high definition image quality from longer distances. Equipped with a multi-element 30X optical glass auto-focus zoom lens that provides up to a 65-degree field-of-view for a wide range of telephoto or wide-angle shot options. It also provides exceptional low-light performance of 0.4 Lux (color). The HD-30 has optical zoom power that enables the capture of brilliant and detailed video images even in the largest room applications.

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### Features

- 30X optical zoom
  - 0.4 Lux (color) for great low light performance
  - 65-degree field-of-view
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corporate training



ZoomSHOT 20 Camera



Quick-Connect DV/HDMI



Precision Camera Controller



Monitor





## ZoomSHOT 20

PURCHASE AS PART OF A QUICK-CONNECT SYSTEM

The ZoomSHOT 20 is a powerful point-of-view camera offered by Vaddio. Based on Vaddio's ClearVIEW HD-20SE PTZ camera technology, the ZoomSHOT 20 is fully equipped with an advanced image signal processor, 20X optical zoom, and native 1080p/60 high definition video. Manual pan and tilt positioning allow for simple, yet precise control.

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### Features

- 20X optical zoom lens
  - 63-degree wide field-of view
  - Native 1080p/60
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## WideSHOT

PURCHASE AS PART OF A QUICK-CONNECT SYSTEM

The WideSHOT is a high-quality point-of-view camera with 82.2-degree horizontal field-of-view angle. Built around a 1/3-Type progressive scan image sensor and powerful image processor, the WideSHOT provides a 0.3 Lux (color), and outputs up to 1080p/60. Manual pan and tilt positioning allows for simple, yet precise control.

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### Features

- 1/3-Type progressive scan imaging sensor
  - 0.3 Lux (color) for low-light environments
  - Native 1080p/60
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## Quick-Connect Components

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### Quick-Connect Universal CCU

PURCHASE AS PART OF A QUICK-CONNECT SYSTEM



Designed for those cameras that require true broadcast image control for the most demanding and critical image quality applications; match your multiple camera images, changing lighting conditions or on the fly camera image controller for live events. The Quick-Connect CCU is equipped with three discrete HD video outputs, HD-SDI, HDMI and Analog Component. The Quick-Connect cabling interface provides Power, Video and Control signals to the camera and can be extended up to 500ft.(152.4 m).

### Quick-Connect SR

PURCHASE AS PART OF A QUICK-CONNECT SYSTEM



The Short Range Interface provides an easy way for integrators to install and power remote cameras. The Quick-Connect SR uses two Cat-5 cables to provide the remote camera with power, control and return HD video. Integrators can now safely and easily install remote cameras into their projects.

### Quick-Connect DVI/HDMI-SR

PURCHASE AS PART OF A QUICK-CONNECT SYSTEM



The Quick-Connect DVI/HDMI-SR Interface delivers simultaneous analog component video (YPbPr) and digital video (DVI-D or HDMI) outputs on separate connectors, ideal for multiple monitoring and large projection systems that require multiple format video outputs.

### Quick-Connect USB Mini

PURCHASE AS PART OF A QUICK-CONNECT SYSTEM



Provides a whole new way to make any of the Vaddio family of cameras into a USB Camera. Based on USB 2.0 standards that use the driver-less UVC drivers, making it compatible with almost any OS or UCC software application. The Quick-Connect USB Mini is designed to be mounted under a table or podium and extended from the camera.

### Quick-Connect USB

PURCHASE AS PART OF A QUICK-CONNECT SYSTEM



This robust Quick-Connect system is perfect for UCC applications, IP Streaming and recording, as well as Pro AV applications. It has simultaneous HDMI and HD analog component outputs and can stream either USB 2.0 (MJPEG) or IP (H.264) video. It uses the UVC drivers built into the OS and does not need any additional software drivers. Embedded web server provides for browser-based access to the camera's PTZ controls, presets and CCU functions.

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## Quick-Connect Comparison Chart

Quick-Connect Features	Universal CCU	Short-Range	DVI/HDMI	USB Mini	USB
Analog Output (YPbPr)	•	•	•		•
DVI-D Output	•		•		•
HDMI Output	•		•		•
HD-SDI Output	•				
RS-232	•	•	•	•	•
Daisy-Chain-able			•		
USB 2.0 Streaming (MJPEG)				•	•
IP Streaming (H.264)					•
Built-in Web Server				•	•
Image Control	• (front panel control)				• (via Browser)
Power, Video & Control	Three Cat-5e	Two Cat-5e	Two Cat-5e	Two Cat-5e	Two Cat-5e
Cat-5e max. Cable Distance	500' (152.4m) for PTZ cameras only	PTZ up to 100' (30.5m) POV up to 150' (45.7m)	PTZ up to 100' (30.5m) POV up to 150' (45.7m)	PTZ up to 100' (30.5m) POV up to 150' (45.7m)	PTZ up to 100' (30.5m) POV up to 150' (45.7m)
Camera Types	Vaddio PTZ Cameras	Vaddio PTZ or POV Cameras	Vaddio PTZ or POV Cameras	Vaddio PTZ or POV Cameras	Vaddio PTZ or POV Cameras
Front Panel Display	•				•
Rack Size	1-RU (full)	1/3-Rack	1/2-Rack		1/2-Rack
Color-Coded Connectors	•	•	•	•	•

At Vaddio,  
we create innovative  
PTZ cameras and  
camera control  
systems for the  
audiovisual,  
videoconference,  
and broadcast  
marketplaces.



**vaddio**

THE ART OF EASY

