

## Tech Spec

### ConferenceSHOT AV

#### Enterprise-Class Conferencing System

Silver/black: 999-9995-x00 (North America), 999-9995-x01 (Europe and UK), 999-9995-x09 (Australia and New Zealand)

White: 999-9995-x00W (North America), 999-9995-x01W (Europe and UK), 999-9995-x09W (Australia and New Zealand)

Camera and speaker may be ordered individually or in ConferenceSHOT AV bundles



### Features

- Integrated HD camera and audio system ideal for huddle rooms and small to medium conference rooms
- Audio inputs for two Vaddio MicPOD table or ceiling microphones
- Audio output for optional matching speaker – or integrate into existing audio infrastructure
- 2.14 Megapixel effective, native 1080p/60 HD image sensor
- 10x optical zoom, horizontal field of view of 74° in super-wide mode
- Simultaneous uncompressed USB 3.0 and IP (H.264) video + full-duplex audio streaming
- Precise pan and tilt movements at up to 90° per second with smooth, silent direct-drive motors
- Universal Video Class (UVC) and Universal Audio Class (UAC) drivers supported in Windows®, Mac® OS, and Linux operating systems, compatible with most UC conferencing applications
- Presenter-friendly IR remote control
- Integration-ready Telnet control
- Enterprise-class IT support with full web controls for remote management

### Back of the Camera



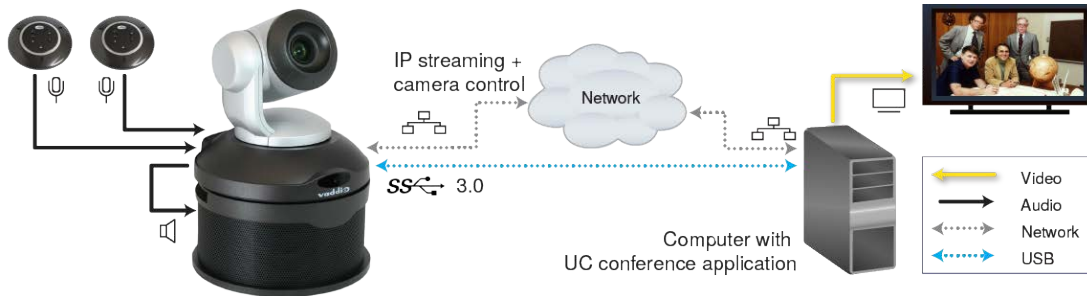
- **Network PoE+** – 10/100/1000 Ethernet port; IP streaming and control via web interface
- **USB 3.0** – Type B media device connector; streams uncompressed UVC standard video and UAC standard audio
- **EasyMIC ports** – Connect up to two Vaddio EasyMIC microphones
- **Audio output** – Line level differential audio and 12 VDC power output to the optional amplified speaker or other audio infrastructure

### What's Included

ConferenceSHOT AV systems may include these items, depending on the bundle ordered:

- ConferenceSHOT AV camera
- ConferenceSHOT AV speaker with cable
- Mounting shelf kit (black or white according to camera color)
- UCC cable kit – Ethernet, USB 3.0, and HDMI cables, 1.8m/6 ft (8m/26 ft and 20m/65 ft cable kits available)
- PoE+ power injector with AC cord set(s)
- Microphone(s) with cables

## Basic Connection Diagram



## Specifications

### Camera and Image

<b>Image device</b>	1/2.8-type Exmor CMOS sensor	<b>Pixels</b>	2.14 million (effective)
<b>IP (H.264) RTSP Video Resolutions</b>	1080p down to 180p 1080p at 30/25/15; others 60/30/25/15	<b>USB 3.0 (UVC) Video Resolutions</b>	1080p down to 180p at 60/30/15
<i>IP and USB streams are simultaneous and can be at differing resolutions.</i>			
<b>Pan angle and speed</b>	± 165°, up to 90°/sec	<b>Tilt angle and speed</b>	+90° -30°, up to 90°/sec
<b>Lens and horizontal FOV</b>	10X optical zoom, 67.0° wide to 7.6° tele, f=3.8mm to 38mm, F1.8 to F3.4 Super-wide: 11X optical zoom, 74° wide to 7.6° tele, f=3.8mm to 41.8mm, F1.8 to F3.4		
<b>Min. working distance</b>	10mm (wide), 1.0m (tele)	<b>Min. illumination</b>	100+ lux recommended
<b>Aperture/detail</b>	16 steps	<b>Gain</b>	Auto or manual
<b>Backlight compensation</b>	On or off	<b>White balance</b>	Auto, manual, One-Push
<b>Focusing system</b>	Auto or manual	<b>Noise reduction</b>	On or off
<b>Sync system</b>	Internal	<b>S/N ratio</b>	Over 50 dB
<b>Remote management</b>	Web interface, Telnet	<b>Power</b>	PoE+ (25 watts)

### Audio

<b>EasyMIC Inputs (2 channels available)</b>	RJ-45 12V, bidirectional, balanced	<b>Line Out</b>	4-pin Phoenix type terminal block Impedance: 50 ohms Frequency response 20Hz - 20KHz THD + noise < 0.02% Maximum output level +12 dBu differential audio Power to speaker: 12V, 0.84A max (10 watt speaker)
<b>IP Streaming</b>	1 Channel (PCM), 16-bit resolution, 48 KHz sample rate		
<b>USB streaming (record, playback)</b>	2 Channel (UAC), 16-bit resolution, 48 KHz sample rate		

### Physical and Environmental

<b>Height</b>	Camera: 6.3" (163 mm) Speaker: 3.63" (92 mm)	<b>Operating temperature</b>	0°C to +40°C (32°F to 104°F)
<b>Width</b>	Camera: 6.1" (155 mm) Speaker: 7.25" (184 mm)	<b>Operating humidity (relative)</b>	20% to 80% non-condensing
<b>Depth</b>	Camera: 5.5" (145 mm) Speaker: 6.75" (171 mm)	<b>Storage temperature</b>	-5°C to +60° C (23°F to 140°F)
<b>Weight</b>	Camera: 3.0 lbs.(1.36 kg) Speaker: 1.6 lbs. (0.72 kg)	<b>Storage humidity (relative)</b>	20% to 80% non-condensing

Specifications are subject to change without notice.