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
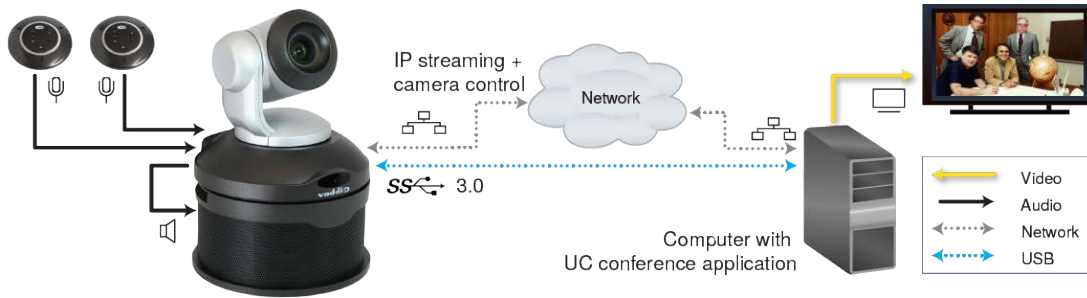
Back of the Camera

- **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

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

Audio

EasyMIC Inputs (2 channels available)	RJ-45 12V, bidirectional, balanced	**Line Out**	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)
IP Streaming	1 Channel (PCM), 16-bit resolution, 48 KHz sample rate		
USB streaming (record, playback)	2 Channel (UAC), 16-bit resolution, 48 KHz sample rate		

Physical and Environmental

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

Specifications are subject to change without notice.