

## Tech Spec

### ConferenceSHOT 10

#### Enterprise-Class PTZ Conferencing Camera

Silver/black: 999-9990-000 (North America), 999-9990-001 (Europe and UK), 999-9990-009 (Australia and New Zealand)

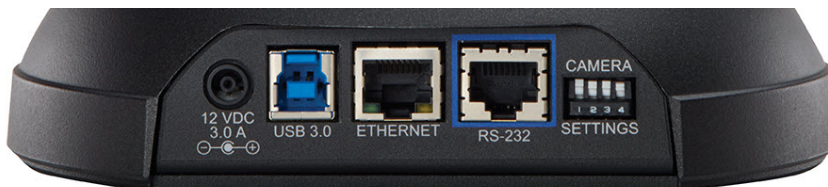
White: 999-9990-000W (North America), 999-9990-001W (Europe and UK), 999-9990-009W (Australia and New Zealand)



### Features

- PTZ camera for huddle rooms and small to medium conference rooms
- 2.14 Megapixel (effective), full HD (native 1080p/60) image sensor
- 10x optical zoom, horizontal field of view of 74° in super-wide mode
- Smooth, silent direct-drive motors for precise pan and tilt movements at up to 90° per second
- Simultaneous uncompressed USB 3.0 and IP (H.264) streaming outputs at resolutions up to 1080p/60
- Precise pan and tilt movements at up to 90° per second with smooth, silent direct-drive motors
- Universal Video Class (UVC) drivers supported in Windows®, Mac® OS, and Linux operating systems, compatible with most UC conferencing applications
- Presenter-friendly IR remote control
- Integration-ready Telnet or serial RS-232 control
- Full administrative control via web interface; manage remotely while monitoring the stream separately.

### Back of the Camera



- **12 VDC, 3.0 Amp power connector** – Connect only the power supply shipped with the camera.
- **USB 3.0 type B video device connector** – Streams uncompressed UVC standard video
- **Ethernet RJ-45** – Connect to the network for IP streaming and camera control via web interface or Telnet
- **DIP switches** – Set IR frequency, IR on/off, and image flip (camera is invertible)
- **RS-232 port** – Connect to a controller to manage the camera using a modified VISCA protocol.

### What's Included

Each ConferenceSHOT 10 camera is shipped with these items:

- Vaddio IR Remote Commander
- 12 VDC, 3.0 A switching power supply and AC cord set (s)
- Thin Profile Wall Mount with mounting hardware
- EZCamera™ control adapter
- USB 3.0 type A to type B cable, 6 ft. (1.8m)
- Quick Start Guide

## 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, RS-232	<b>Power</b>	12 VDC, 3.0 A

### Physical and Environmental

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

Specifications are subject to change without notice.