

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

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
<i>IP and USB streams are simultaneous and can be at differing resolutions.</i>			
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, RS-232	Power	12 VDC, 3.0 A

Physical and Environmental

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

Specifications are subject to change without notice.