

ConferenceSHOT 10

Enterprise-Class PTZ Conferencing Camera

ORDERING INFORMATION

Black

999-9990-000B (North America)

999-9990-001B (Europe/UK)

999-9990-009B (Australia/New Zealand)

White

999-9990-000W (North America)

999-9990-001W (Europe/UK)

999-9990-009W (Australia/New Zealand)

OVERVIEW

The Vaddio ConferenceSHOT 10 Camera is an Enterprise-Class, high definition PTZ conferencing camera with high-quality imaging, exceptional color reproduction and truly fine detail. It's a significant step up in performance from current webcam-based technology offerings. With simultaneous and individual USB 3.0 uncompressed and IP (H.264) streaming video outputs, this camera offers integrators, dealers and end users with an impressive improvement over other USB conferencing cameras available today.

The latest generation Exmor™ 1/2.8", 2.38 Megapixel, Full HD (native 1080p/60) high-speed, low noise CMOS image sensor combined with the new ISP, produces vivid and realistic color with super-fast, razor-sharp and transparent auto-focus and iris routines.

ConferenceSHOT 10 has an Ethernet port for IP (H.264) streaming and a browser-based user interface, which allows the user to control the camera's functions with an internal web page with any browser from anywhere in the world, over the IP network, while watching the RTSP format video stream with H.264 compression. RTMP streaming is available to stream directly from the ConferenceSHOT 10 to popular platforms like YouTube, Facebook, and others.

With a 74-degree wide horizontal field-of-view and 10X optical zoom, ConferenceSHOT 10 provides great flexibility in a variety of applications including small to medium-sized conference and huddle rooms, as well as corporate, healthcare, government and education environments.

WHAT'S IN THE BOX

- ConferenceSHOT 10 camera (black or white)
- Quick-Start Guide
- 12V power supply with AC cord set(s)
- Thin Profile Wall Mount (black or white) with mounting hardware and installation manual
- Vaddio IR Remote Commander
- 6' (1.8m) USB 3.0 cable, type A to B
- EZCamera RS-232 Control Adapter



FEATURES

- 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
- 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 PANEL

- **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.

TECHNICAL SPECIFICATIONS

Outputs/protocols	USB 3.0, IP (H.264)
Aspect ratio	USB: 16:9, 3:2, and 4:3 IP (H.264) Streaming: 16:9, 3:2 and 4:3
USB 3.0 (UVC) resolutions/frame rates	1080p down to 180p at 60/30/15
IP Streaming resolutions/frame rates	IP (RTSP or RTMP format with H.264 compression) 1080p down to 180p 1080p at 30/25/15; others 60/30/25/15
Image device	1/2.8-Type Exmor CMOS sensor
Pixels	2.14 million (effective)
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
Pan angle and speed	± 165°, up to 90°/sec
Tilt angle and speed	+90° -30°, up to 90°/sec
Min. working distance	10mm (wide), 1.0m (tele)
Min. illumination	100+ lux recommended
Backlight compensation	On/off
Aperture/detail	16 steps
Focusing system	Auto Focus / Manual Focus Mode
Gain	Auto / Manual
White balance	Auto, Manual, One-push
S/N ratio	More than 50 dB
Power	12 VDC, 3.0 A
Remote management	IR Remote, web interface, Telnet and RS-232 command APIs
Wide Dynamic Range	Yes (cannot be used with Backlight compensation)
Noise Reduction	On/off
Presets	16 + Custom Home
Invertible	Yes
Motors	Silent BLDC Direct Drive Motors
Warranty	2 years plus option for purchasing additional 3 years
Weight	3.0 lbs (1.36 kg)
Height	6.3" (163 mm)
Width	6.1" (155 mm)
Depth	5.5" (145 mm)
Operating temperature	0°C to +40°C (32°F to 104°F)
Operating humidity (relative)	20% to 80% non-condensing
Storage temperature	-5°C to +60°C (23°F to 140°F)
Storage humidity (relative)	20% to 80% non-condensing

Specifications are subject to change without notice.



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