Hawk™

Dual Camera Tracking Solution

OVERVIEW

- **ENHANCE MEETINGS WITH SPEAKER TRACKING**
Simple, cost effective speaker tracking solution for small to medium size rooms where a close-up view of the meeting participants is desired. Perfect for rooms up to 25 feet. Allows remote participants to see facial expressions even in gallery view.

- **PRODUCTION QUALITY MEETINGS**
Automatic switching between two PTZ cameras intelligently follows a conversation without excessive camera switching or visible camera movement. 12x optical zoom provides excellent image quality.

- **AUDIO-LOCATING AND FACIAL DETECTION**
Built-In reference microphone and wide-angle camera combined with advanced image processing allow the Hawk to match the audio location with a face and automatically switch to a shot of the person speaking.

- **EASY SETUP AND CONFIGURATION**
Works right out of the box. Connect power and the video output to your conferencing codec. Custom refinements of tracking available through Ethernet connection with provided software. Just add your favorite microphone and route the far end audio to the device for echo cancellation. After initial configuration the Hawk does not need to be connected to the network or a computer running specialized software.

- **COMBINE WITH YOUR PREFERRED MICROPHONE AND SPEAKER**
The Hawk will work with any microphone or speaker. Select the one that works best for your room. Echo cancel audio input is available for rooms that need it.

- **CONTROL SYSTEM COMPATIBILITY**
VISCA control over IP ensures this camera system can be controlled from any popular control system including Crestron and Extron.

- **HARDWARE AND SOFTWARE CODEC COMPATIBILITY**
Up to 1080p60 video can be used with popular software codecs such as Zoom, Microsoft Teams, in addition to traditional hardware-based codecs.

FEATURES

- No External System Required
- AI Tracking Built Into Camera
- Conversation Following Switching

APPLICATIONS

- Small-Medium Conference Rooms
- Hybrid Classrooms
- Council Meeting Spaces
- Distance Learning
- Video Conferencing

SUPPLIED ACCESSORIES

- Power Supply
- 1B Cam Manager Software
- 3.5mm TRS Audio Cable
- Wall Shelf Mount

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SPECIFICATIONS

Image Sensor-Tracking Cameras	1/2.8" Sony Exmor CMOS, 2.14MP
Image Sensor-Reference Cameras	1/2.8" CMOS, 2.14MP
Signal Formats (HD)	1080p60/50/30/25, 1080i60/50, 720p60/50
Focal Length & Iris-Tracking Cameras	f=3.9mm - 46.8mm, F1.6 - F2.8
Zoom	12X Optical, 12X Digital
Field of View	72.5° - 6.3° (PTZ Cameras), 86° (Wide-Angle Cameras)
Focus System	Auto, Manual, PTZ Push, One Push
Minimum Illumination	0.5 Lux (Color), 0.1 Lux (B/W)
Shutter Speed	1/25 - 1/10,000 sec
Gain	Auto, Manual
White Balance	Auto, Indoor, Outdoor, One Push, Manual, Auto Track
Exposure	Auto, Manual, Shutter Priority, Iris Priority
S/N	≥50db
Tilt/Pan Angle	Tilt: -30° - +90°, Pan: 90° - 90°
Tilt/Pan Speed	Tilt: 0.1° - 80° /s, Pan: 0.1° - 120° /s
Number of Presets	Up to 256
Streaming Resolution	Up to 1080p60, User-selectable framesize/framerate/bitrate
IP Video Compression	H.265, H.264 (Four streams)
IP Audio Compression	AAC (IP Stream Only)
Protocol	HTTP, RTP, TCP, UDP, ONVIF
Streaming	RTSP, RTMP
Video Outputs	1x HDMI, 1x 3G-SDI, Convert to USB using certified adapter
Audio Input/Output	2x Line In (one with echo cancellation), 1x Line Out
Network	1x RJ45, 10Mb/100Mb
Control	TCP/IP
Serial Control	PELCO-D, VISCA, PELCO-P
Power	DC12V, <24W
Operating Temperature	32° - 104° F (0° - 40° C)
Dimensions & Weight	19.69" x 6.4" x 5.71" (500mm x 163mm x145mm), 6.61lbs (3KG)
Color	Gray
Mounts	3x 1/4" Threaded Mount Hole for 90° Wall Shelf Mount
Recommended Mounting	Height: 4'-6', Distance: 3'-28'