

IV-CAMHK-12-SLVR-1B

1 Beyond Hawk™ Dual-Camera Speaker Tracking Solution, 12x Optical Zoom



- *Automatically tracks, frames, and switches between participants using voice and facial detection*
- *Clean switching with broadcast-style cuts*
- *Side-by-side dialog mode captures multiple participants in conversation*
- *Intended for spaces up to 25 ft from the participants*
- *Smooth tracking and quiet operation*
- *High quality video supporting resolutions up to 1080p60*
- *Compatible with a variety of audio solutions*

The IV-CAMHK-12-SLVR-1B¹ is an intelligent participant tracking solution that uses two HD PTZ cameras to automatically cut to whoever is speaking in the room. Ideal for small to medium sized rooms, deploy the IV-CAMHK-12-SLVR-1B when a close-up view of the meeting participants is desired.

Participant Tracking with Production-Style Switching

The IV-CAMHK-12-SLVR-1B uses voice and facial recognition to automatically switch to a shot of the active speaking participant. With production-style switching, the IV-CAMHK-12-SLVR-1B allows remote participants to follow an in-room conversation without excessive camera switching.

Combine with Your Preferred Microphone and Speaker

The IV-CAMHK-12-SLVR-1B works with a variety of microphones and audio speakers and offers an echo cancel audio input. Just add your favorite microphone and route the audio to the camera for echo cancellation.

High Quality Video

A high quality Sony Exmor® CMOS sensor enables the camera to output up to 1080p60 resolution video via the 3G-SDI or HDMI® ports. The IV-CAMHK-12-SLVR-1B works well in low light and in front of bright screens.

Conferencing Compatibility

Optimize video conferencing, recording, or streaming by using the IV-CAMHK-12-SLVR-1B camera with Microsoft Teams®, Zoom Rooms®, Cisco WebEx®, MediaSite®, or Panopto® software.

The IV-CAMHK-12-SLVR-1B is certified for Zoom Rooms® software with the Inogeni™ 4KXUSB3 converter for camera control.

Quiet, Fast Switching Between Presets

Up to 256 pan, tilt, and zoom combination presets can be configured. The camera will move to the selected preset point. A quiet, fast motor (120°/s pan speed) sets camera angles quickly.

Manual Control Options

Use VISCA over IP to control the camera with a Crestron® control system. 1B Cam Manager Software is included for easy configuration from a computer on the network.

Specifications

Optics and Processing

Image Sensor	Tracking Cameras: 1/2.8 in. Sony Exmor CMOS, 2.14MP; Wide-Angle Camera: 1/2.8 in. CMOS, 2.14MP
Recommended Range	5-25 ft from subject, 4-6 ft from ground
Focal Length & Iris-Tracking Cameras	f=3.9-46.8 mm, F1.6 - F2.8
Field of View	72.5° - 6.3° (PTZ Cameras), 86° (Wide-Angle Camera)
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
Number of Presets	Up to 256
Serial Control Protocol	PELCO-D, VISCA, PELCO-P HTTP, RTP, TCP, UDP, ONVIF
Control	TCP/IP

Pan, Tilt, Zoom

Tilt/Pan Angle	Tilt: -30° - +90°, Pan: 90° - 90°
Tilt/Pan Speed	Tilt: 0.1° - 80° /s, Pan: 0.1° - 120° /s
Zoom	12x Optical, 12x Digital

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Connectivity

Ethernet RJ-45, 100Mb

Video

Video Outputs¹ 1x HDMI output, 1x 3G-SDI output, Convert to USB using certified adapter

Signal Formats (HD) 1080p60/50/30/25, 1080i60/50, 720p60/50

IP Video Compression H.265, H.264 (Four streams)

Streaming RTSP, RTMP

Streaming Resolution Up to 1080p60, User-selectable framesize/framerate/bitrate

Audio

IP Audio Compression AAC (IP Stream Only)

Audio Input 2x Line In (one with echo cancellation), 1x Line Out

Power

Power 12VDC, <50 W

Environmental

Temperature 32° to 104°F (0° to 40°C)

Construction

Mounting 3x 1/4 in. threaded mount hole for 90° Wall Shelf Mount;
Wall shelf mount included

Color Silver

S/N ≥50dB

Dimensions

Dimensions 19.69 in. x 6.4 in. x 5.71 in. (500 mm x 163 mm x 145 mm)

Weight

6.61 lb (3 kg)

Included Accessories

Power Supply

IVA-WMT-SHELF-HK-1B

Serial Control Breakout

Remote Controller

Note:

1. The IV-CAMHK-12-SLVR-1B camera includes integrated circuits produced by HiSilicon (part numbers HI3516ARBCV100 and HI3516ARFCV200), a subsidiary of Huawei Technologies Company.

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HDMI

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Rev 05/26/23