

Hamedal V20

Auto Zoom Conference Camera

Smartly and Conveniently, See What's Happening



High Solutions



Ultra Wide-Angle



AI Smart Zoon-in



Attendees Counting



Flexible Setup



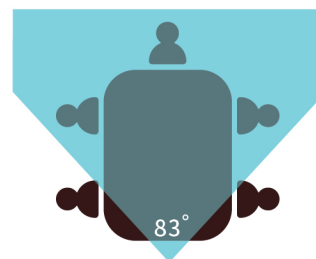
Plug & Play



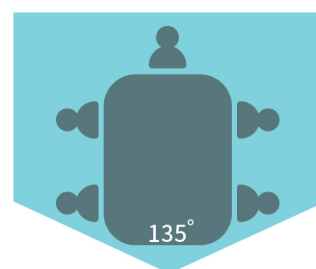
Hamedal V20 is an HD auto-zoom conference camera designed by Auditory Works. Thanks to the 135° ultra-wide-angle camera supporting 2K HD video output, the ground-breaking algorithm allows the camera to automatically detect and track attendees and a built-in 4 MEMS microphone array. V20 provides an unparalleled online video conferencing experience. Compact design, USB plug & play, flexible setup, and general compatibility with all leading online conference platforms make Hamedal V20 an ideal choice for medium to small conference rooms.

2K/135° Ultra Wide-Angle Lens, Immersive Visual Experience

Equipped with a customized 135° ultra-wide-angle lens and Sony IMX image sensor, Hamedal V20 supports 2K HD video calls to capture every meeting attendee. Its distortion-free 5x digital zoom capacity makes sure that every detail within the field of view is captured vividly.



Average in-room camera



Hamedal V20 Auto Zoom Camera

Powerful Face Detection & Human Tracking Algorithm, Hands-Free Control Experience

Thanks to the built-in chip with powerful AI algorithms, Hamedal V20 can detect and track conference participants, even those wearing face masks, with the latest CNN neural network technology. The camera can also automatically zoom in to a specific part of the view field according to the dynamics of attendees' number and locations, ensuring the maximum optimized real-time conference streaming without human interference. It will help you to focus on your agenda on the meeting instead of the meeting devices and have a significantly promoted video conference experience.



Auto-detects people in room



Selects best framing

Attendee-Counting API for Your Smart Conference Room

Thanks to the lossless scaling technology, Hamedal V20 can accurately count the number of conference attendees and provide the data to corporates' IT department via API to save their time and cost.

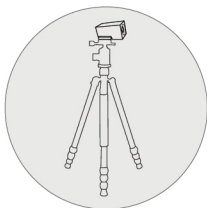


Flexible Installation, Simplified Setup, Universal Compatibility

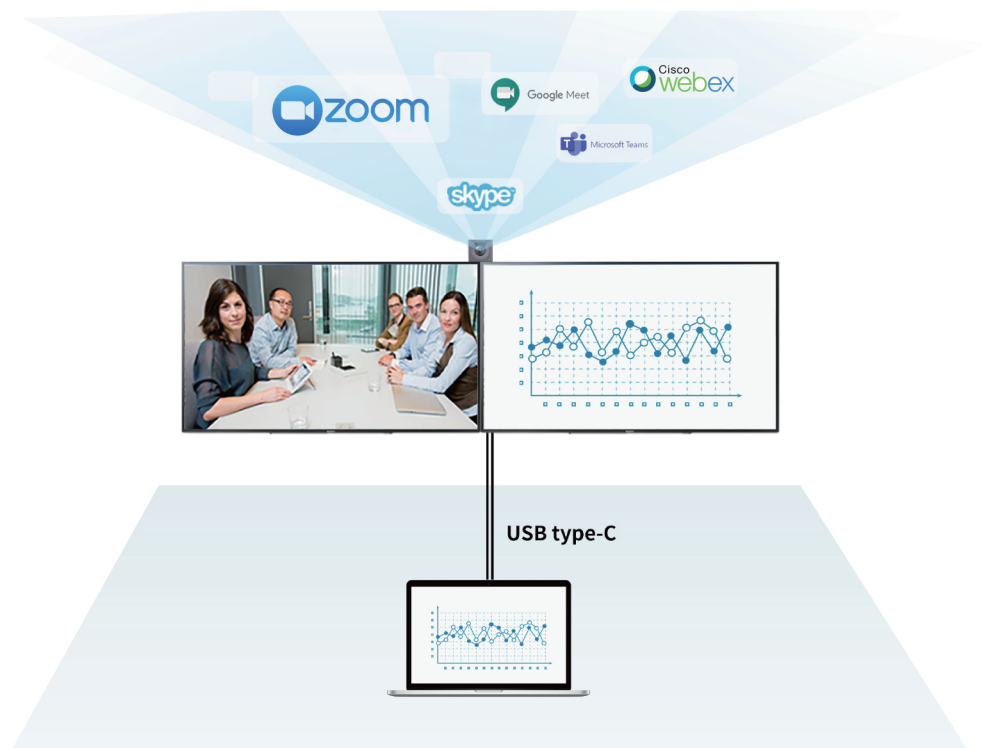
Coming with clips and telescopic bracket, compatibility with any standard tripod, and compact design. Hamedal V20 can be placed to a wide range of locations like on top of a screen or anywhere in a conference room, for a better viewpoint and overall conference experience. Driver-free USB plug & play and general compatibility with all leading online conference platforms allow much easier deployment and setup.



① Mounted on a screen



② Mounted on a tripod



Dimensions

- 40mm * 37mm * 72mm

Weight

- 95g

Color

- Silvery Gray

Installation

- Tripod
- Fixed Hinge

Connectivity

- USB 2.0

Input/Output

- USB Type-C for Power Supply & Data Transmission

Construct & Material

- Aluminum Frame

Audio Specs

- 4-element Beamforming Microphone Array

Imaging Features

- Self-Adaptive Skin Toning
- Wide Range Dynamic
- Lens Distortion Correction
- Anti-Flickering
- Real-time Scaling and De-warping

Features

- 135° Horizontal Ultra Wide-Angle
- Face-Tracking
- Face-Tracking with Face Masks
- Human Tracking
- Automatic Conference Attendees Viewfinder
- 3D Image Denoising
- Real-time Scaling and De-warping
- Microphone Array Voice Pickup
- 5 Mega-Pixel

Camera

- f/1.8 aperture
- 2K Video Output
- Horizontal FOV 135°
- Vertical FOV 100°
- Automatic White Balance and Exposure
- 2.4mm Fixed focus

Video Features

- Wide Dynamic Range
- HD 1080p@30fps
- Quad HD 1944P@30fps
- 16:9 Aspect Ratio
- Lossless Digital Focus
- Digital PTZ
- UVC 1.1/1.5 Compatible
- MJPEG and H264 over USB 2.0

Device Management

- Unified Firmware Update All Devices within One Daisy-Chain Network
- Firmware Update as an Individual Device

Configuration Requirements

- PC w/ Windows or Linux, Mac with USB Connection
- Android Smartphone with USB OTG

