



## HT-CAM-4K-DUAL

4K Dual-Lens API PTZ  
Conference Camera



HT-CAM-4K-DUAL

### PRODUCT OVERVIEW

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The HT-CAM-4K-DUAL is a 4K dual lens tracking camera designed for medium-sized meeting rooms, providing a perfect display of the room along with zoomed in details. With built-in AI intelligence, the camera can automatically pan, tilt, and/or zoom to the best view to include all participants or track a presenter while displaying a wide fixed view of the room with picture-in-picture.

The HT-CAM-4K-DUAL is fully compatible with most operating systems, including Windows 10/11 and Mac OS, and can be used with Microsoft Teams, Google Meet, Zoom, and other conferencing soft applications.

### FEATURES

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- Supports up to 4K@30fps, USB3.0
- Has a built-in dual-eye camera with a panoramic camera to detect all participants in real-time and a
- PTZ camera to capture the best picture of everyone in the room.
- 4K 3x optical zoom PTZ camera with FOV 110°, panoramic lens with FOV 120°.
- Based on AI technology, the camera enables auto framing, speaker tracking, or presenter tracking.
- Dual-lens design offers a speaker view and wide-angle view simultaneously with PIP layout options.
- Supports MJPG, NV12, and H.265/H.264 video compression
- Easy setup and USB plug-and-play
- Compatibility with main stream operating systems such as Windows 10/11, Mac OS, and collaboration with Google Meet, Microsoft Teams, Skype, and others.

| AI PTZ Camera                              |   |
|--|---|
| Lens                                       | 8MP, 3x Optical Lens  |
| Sensor                                     | CMOS, 8MP effective pixels  |
| Video Format                               | <b>HDMI:</b> Fixed at 4K@30fps<br><b>USB3.0 Stream:</b><br><b>MJPEG/H.265/H.264:</b> 3840x2160   1920x1080   1280x720   640x480   640x360   320x240@fps<br><b>NV12:</b> 1920x1080   1280x720   640x480   640x360   320x240@30fps                                |
| DFOV                                       | 110°  |
| Optical Zoom                               | 3x  |
| White Balance                              | Automatic   |
| Exposure Mode                              | Automatic   |
| Digital Noise Reduction                    | Yes   |
| PIP Mode                                   | Yes (set on Web UI or included remote control)  |
| Tracking Modes                             | Auto Framing, Speaker Tracking, Presenter Tracking  |
| Interfaces                                 |   |
| Video Output                               | <b>1 x USB 3.0 Type-C</b> <ul style="list-style-type: none"> <li>3.2 Gen 1, Bandwidth 5.0Gbps, backward compatible USB2.0</li> </ul> <b>1 x HDMI 2.0</b> <ul style="list-style-type: none"> <li>Fixed at 4K@30fps, no HDCP, mirror with camera video</li> </ul> |
| DC Out                                     | 12V/3A DC Adaptor   |
| USB-A                                      | USB-A for USB peripheral devices, such as speakerphone  |
| LAN Port                                   | 1 x 100Mbps, remote management  |
| Lock                                       | 1 x Kingston Lock   |
| Reset                                      | 1 x Reset Button  |
| Panoramic Camera                           |   |
| Lens                                       | 2MP, Fixed Lens   |
| Sensor                                     | CMOS, 2MP effective pixels  |
| Video Format                               | <b>USB2.0 Stream: MJPG:</b> 1920x1080 @30fps  |
| DFOV                                       | 120°  |
| Optical Zoom                               | Fixed Focus   |
| Microphones (Audio Tracking Function only) |   |
| Microphone Array                           | 4 x Built-in Microphones  |
| Sensitivity                                | -26dbfs @ 94db SPL @ 1kHz   |
| THD  | 0.2% @ 94db SPL @ 1kHz  |
| General                                    |   |
| USB Protocol                               | UVC1.1  |
| Configuration & Management                 | Web UI, IR Remote Control (included), API Commands  |



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