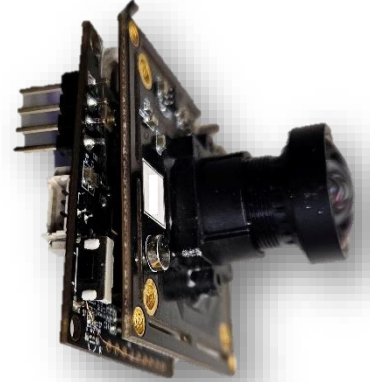


4K Webcam Hardware Specifications

Introduction

The 4K Webcam is designed to enhance office meeting systems by delivering high-definition video and clear audio for professional-grade video conferencing. Equipped with advanced facial tracking, dynamic range adjustment, and superior low-light performance, this webcam ensures that every meeting is visually sharp and audibly clear, making it an essential tool for modern business communication.



Product Description

- **Product Name:** 4K Webcam Solutions.
- **Primary Use:** Optimized for office meeting rooms, video conferencing, and online collaboration.

Technical Specifications

- **Video Resolution and Frame Rates:**
 - 4K (3840x2160): 15 fps, the highest resolutions.
 - 2K (2540x1440): 30 fps with facial tracking.
 - Full HD (1920x1080): 30 fps with facial tracking.
 - HD (1280x720): 30 fps with facial tracking.
 - VGA (640x480): 30 fps with facial tracking.

- **Field of View (FOV):** Based on the lens spec. Optimized diagonal view to capture individuals and meeting rooms effectively.
 - **Focus:** Fixed Focus.
 - **Dynamic Range:** Wide Dynamic Range (WDR) support for high-contrast and visibility.
 - **Anti-Flicker:** Supports 50Hz and 60Hz to reduce flicker in various lighting setups.
 - **Sensor Size:** 1/2.8" sensor for superior image quality.
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Audio Specifications

- **Microphones:** With single condenser microphone/ Other options: MEMS microphone.
 - **Noise Reduction:** optional, with extra chip support.
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Connectivity

- **Connection Type:** USB-A, USB 2.0 protocol.
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Reference Dimension

- **PCBA Dimension:** 38(L) * 38(W) * 28(H) mm.
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Manufacturing Location

- **Design and Assembly:** Taiwan.