Mini USB Video Bar

Owl (RC08)

1080P FULL HD — 1080P

Three-in-One

Audio 3A algorithm

Full Range Speaker

Built-in Mic

RC08 is a mini USB audio-video all-in-one device designed specifically for small meeting rooms and personal offices. It integrates a HD camera, omnidirectional microphone and full-range speaker in a three-in-one design, greatly simplifying the wiring process. With USB connectivity, it can be used instantly without any configuration, making video conferencing simple and enjoyable.

FEATURES

▼ INTEGRATED BIONIC DESIGN
The integrated design combines a HD camera, highly sensitive omnidirectional microphone and full-range speaker in one device, allowing for easy plug-and-play setup with simple wiring. The unique bionic design provides an excellent audiovisual conference experience.

▼ FULL HD WIDE-ANGLE LENS
Equipped with a high-quality HD CMOS sensor, it offers a maximum output of 1080@30fps/25fps image encoding. The horizontal field of view can reach 90°, ensuring distortion-free images at the edges.

▼ 360° OMNIDIRECTIONAL PICKUP
With a digital microphone, it achieves 360° pickup sensitivity of -30±2dB. The volume automatic gain control algorithm ensures balanced and clear audio pickup from any position.

▼ AUDIO 3A ALGORITHM
It features a built-in Audio 3A algorithm (AEC/AGC/ANS) for full-duplex conversation. It automatically balances volume levels during audio capture while effectively suppressing noise, resulting in clear and balanced sound quality.

▼ HARMAN TUNED SPEAKER
The device uses a Harman-tuned speaker with a ducted sound chamber, delivering excellent playback performance. The high frequencies are clear and penetrating, while the low frequencies are natural and powerful, providing full and clear voice reproduction.

▼ ELECTRONIC PAN-TILT
The device incorporates an electronic pan-tilt mechanism, eliminating the need for mechanical rotating devices. It offers precise rotation, noise-free operation, and enhanced durability. It also supports 4X digital zoom.

▼ PRIVACY COVER DESIGN
The camera is equipped with an integrated sliding privacy cover that can be closed at any time to protect the privacy of participants.

▼ EASY INSTALLATION
It can be easily installed using a damping rotating axis bracket, compatible with almost 100% of the monitors available in the market. The installation process is simple, stable, and reliable.

SPECIFICATIONS

▼ CAMERA

Sensor	1/2.8'', CMOS, 2.07 Megapixels
Scanning Mode	Progressive
Lens Mount	M12
Lens	Focal length: f=2.8mm, Horizontal field Angle: 90°
AF	Support
Minimal Illumination	0.5 Lux @ (F2.0, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Manual, Adjustable color temperature
Camera Bracket	Standard equipped damped rotating bracket
Physical Privacy Shielding	Support
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Digital Zoom	4X

▼ AUDIO FEATURE

Audio Algorithm	AEC / AGC / ANS
Full-range Speaker	82dB SPL at 0.5m
Microphone	360° omnidirectional microphone, Sensitivity : -30±2dB

▼ INPUT / OUTPUT INTERFACE

USB	1x USB 2.0, Type-C

▼ USB FEATURES

Operating System	Windows® 7 (only 1080P and below support), Windows 8.1, Windows 10 or higher macOS™ 10.10 Or higher Google™ Chromebook™ Version 29.0.1547.70 or higher Linux (Support UVC)
Hardware Requirements	2.4 GHz Intel® Core 2 Duo processor or higher 2 GB memory or higher USB 2.0
Color System /Compression	YUY2 / H.264 / MJPEG
Video Format	1080P30/25, 720P30/25, 960x540P30/25, 640x360P30/25
USB Video Communication Protocol	UVC 1.1
UAC	Support
UVC PTZ Control	Support (ePTZ)

▼ GENERAL SPECIFICATION

Power	5V (USB-powered)
Input Current	0.5A
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	2.5W
Dimension	121mm (W) x 31mm (D) x 35mm (H) (Stent-free)
Weight	0.1kg

INTERFACE

1 —— USB Interface