WEBCAM

All-in-One USB Webcam

RC08P

1080P FULL HD 1080P | All-in-One | Group Framing | Audio 3A algorithm | Full Range Speaker | Landscape and Portrait Mode

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.

AI-POWERED INTELLIGENT CAMERA TECHNOLOGY
With built-in face and human shape recognition and intelligent framing algorithms, it can identify the number of participants and their position changes, and automatically adjust the camera's viewing angle and focal length to ensure that everyone is clearly shown in the frame for the best shot.

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.

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.

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, VAR
Camera Bracket	Standard equipped damped rotating bracket
Physical Privacy Security	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

USB FEATURES

Operating System	Windows® 7 (only 1080P and below supported), 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)

I/O INTERFACES

USB	1 x USB 2.0, Type-C

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 (W × D × H)	121 × 32 × 31mm(Non -bracket)
Weight	0.2kg

INTERFACE

1 —— USB Interface