

RC08

Mini ALL-in-one Owl Video Soundbar



ROCWARE RC08 is an all-in-one camera that integrates speakers, microphones and cameras, saving costs and making meetings more convenient. Cameras with built-in speakers are rare because of the echo problem that comes with speakers, ROCWARE has a unique audio Automatic Gain Control, Noise Reduction, and Echo Cancellation that solves this problem at its root. The fuselage is equipped with a laser-assisted focusing instrument to achieve extremely fast and accurate auto-focus through advanced auto-focusing algorithms.

Main Features

1080P Full HD

Support 1080P high definition, provide image encoding output up to 1080@30ps/25fps and downward compatible with 720P and other resolutions.



Landscape and Portrait Mode

Support one-key landscape and portrait switching output to meet the needs of various landscape and portrait live scenes.



e-PTZ

No mechanical rotating device needed for more accurate rotation accuracy, no noise, more reliable and durable, support 4x digital zoom.



TOF Focus

Equipped with a laser assisted focusing instrument and realize high-speed and accurate auto focusing through the advanced auto focusing algorithm.



Audio 3A algorithm

It is used to carry out Automatic Gain Control, Noise Reduction, and Echo Cancellation to solve the environmental noise problem.



360° Rotating Stand

The standard damping rotary support compatible with almost 100% display devices on market, easy to install, stable and reliable.

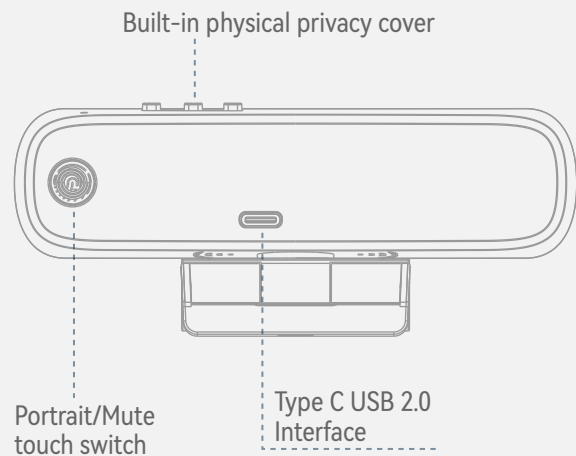
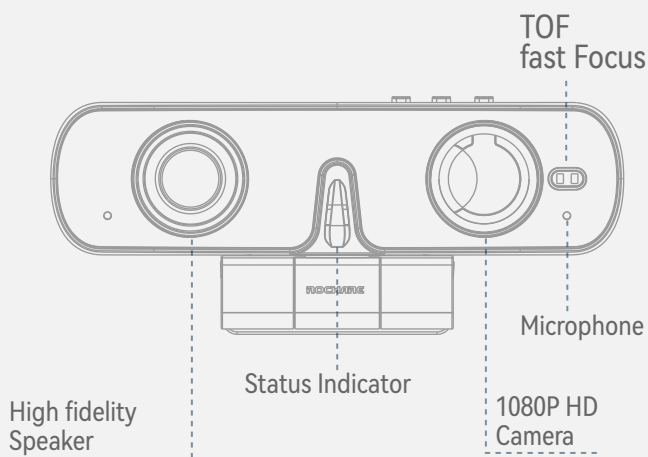


Full-frequency Speaker

Use full-frequency speaker with ducted sound cavity, with a power of 2W, 82dB SPL in the case of 0.5 meter, and a coverage radius of 5 meters.

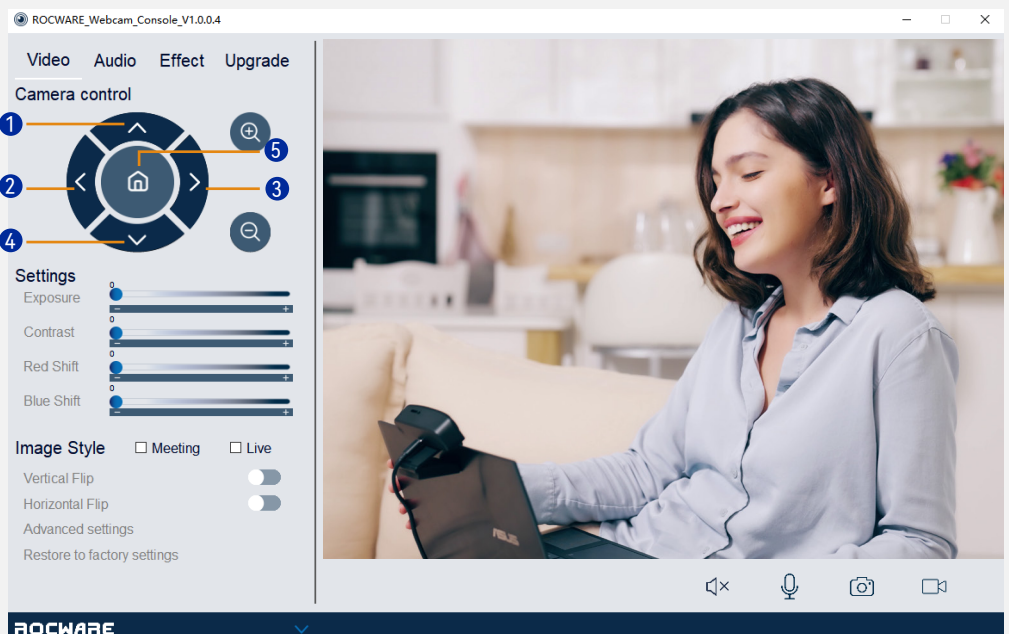


Product Interface



Tool Interface

- 1 Image moves up
- 2 Image moves to the left
- 3 Image moves to the right
- 4 Image moves down
- 5 Image restore to default size



Product Specifications

Camera	
Sensor	1/2.8 inch, CMOS, 2.07M pixel
Scanning Mode	Progressive
Lens Mount	M12
Lens	Focus: f=2.8mm, HFOV: 90°
AF	Support TOF
Minimal Illumination	0.5Lux @ (F2.0, AGC ON)
Shutter	1/30s ~ 1/10000s
Resolution of Landscape Mode	1600 x 896, 320 x 240, 352 x 288, 640 x 480, 720 x 480, 720 x 576, 1280 x 720, 1024 x 768, 1024 x 576, 960x 540, 848 x 480, 800 x 600, 800 x 448, 640 x 360, 512 x 288, 480 x 272, 424 x 320, 424 x 240, 320 x 180, 1920 x 1080
Resolution of Portrait Mode	720 x 1280, 768 x 1024, 576 x 1024, 480 x 848, 448 x 800, 576 x 720, 480 x 720, 288 x 512, 272 x 480, 320 x 424, 288 x 352, 480 x 640, 896 x 1600
White Balance	Auto, Manual, VAR
Camera Stand	Standard Damping Rotary Support
Privacy masking	Support
Digital Noise Reduction	2D&3D digital noise reduction
Backlight Compensation	Support
Digital zoom	4X
General specification	
Input Voltage	5V (USB power supply)
Input Current	0.5A
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	2.5W
MTBF	>30000h
Size	121mm*32mm*31mm (without bracket)
Net Weight	0.2Kg
Audio	
Audio algorithm	Support Automatic Gain Control, Noise Reduction, and Echo Cancellation
Full frequency speaker	82dB SPL in the case of 0.5 meter
Microphone array	Omnidirectional microphone, Sensitivity:-30±2dB

USB Features	
OS	Windows 7 (only 1080p and below), Windows 8.1, Windows 10 or higher; macOS® 10.10 or higher; Google Chromebook™ Version 29.0.1547.70 or higher; Linux (requires support for UVC)
Hardware platform	2.4 GHz Intel® Core 2™ Duo processor or higher; 2 GB of memory or higher; USB 2.0 interface;
Color System / Compression	YUY2 / H.264 / MJPEG
Video System	1080p@30fps/25fps, 720p@30fps/25fps, 960x540p@30fps/25fps, 640x360p@30fps/25fps
USB video communication protocol	UVC 1.1
UAC	Support
UVC PTZ control	Support ePTZ
Input/Output Interface	
USB Interface	1 * Type C;



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