

# RC19 1080P Ultra-Wide Field USB Camera



RC19 is a 1080P high definition USB webcam with simple wiring, small and portable, ideal for personal use. Built-in microphone array, omnidirectional pickup, no need to configure additional microphone, saving configuration time and cost. The lens comes with a privacy cover. When not in use, just slide the cover gently to protect your privacy. With it, working from home, chatting online and interviewing online are not a problem.

# Main Features

## 1080P Full HD

Support 1080P HD, provide a maximum of 1080@30fps/25fps image encoding output, and downward compatible with resolutions such as 720p.



## Built-in microphone

Built-in microphone array, omnidirectional pickup, 6 meters pickup distance, unique Automatic Gain Control, Noise Reduction algorithm to present your voice perfectly.



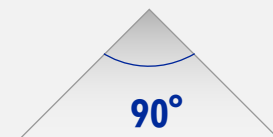
## Privacy shutter

Equipped with an integrated sliding privacy shutter to protect your personal privacy.



## Ultra wide angle without distortion

Wide field of view, horizontal field of view up to 90°.

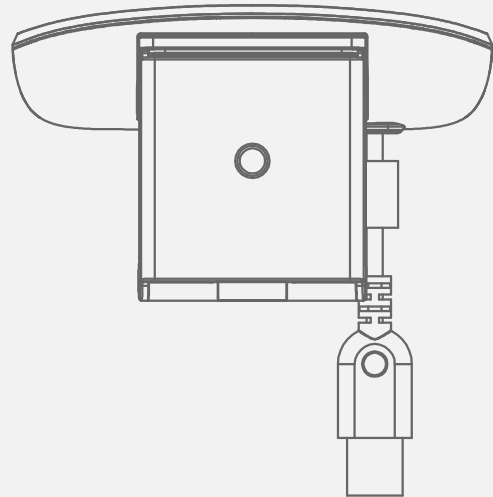
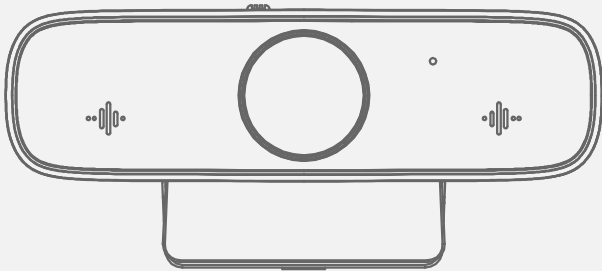


## Low Illumination

New CMOS image sensor with ultra-high SNR can effectively reduce the image noise under low illumination. Meanwhile, the application of 2D and 3D noise reduction algorithms dramatically reduces image noise. The image maintains clean and clear even under ultra-low light illumination. The SNR of the image is as high as 55dB or above.



# Product Interface



# Tool Interface

Webcam Config Tool v1.4 RC19

Home

Setup



Exposure

CompSwitch



CompValue



Color

Red Gain CTL



Blue Gain CTL



DRC CTL

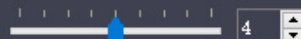


Noise Reduction

NR2D-Level



NR3D-Level



Restore Default

WebCam Control

HD Camera

Open Camera

v3 SOC:V9.1.65

# Product Specifications

## Camera

Sensor	1/2.7", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens Mount	M12
Lens	Focus: f=2.8mm, HFOV: 90°
Minimal Illumination	0.5 Lux @ (F2.0, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Manual, VAR
Camera bracket	bracket with damper
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)
Current Consumption	200mA
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	1W
MTBF	30000h
Size	103mm*27mm*30mm
Net Weight	153g

## USB Features

OS	Windows® 7 (1080p and under only), Windows 8.1, Windows 10 or higher macOS™ 10.10 or higher Google™ Chromebook™ Version 29.0.1547.70 or higher Linux
Hardware Requirement	2.4 GHz Intel® Core 2 Duo processor or higher 2 GB RAM or more USB 2.0 port
Color System / Compression	YUY2 / H.264 / MJPEG
Video Format	1080p@30fps/25fps, 720p@30fps/25fps, 960x540p@30fps/25fps,
USB video communication protocol	UVC 1.1
UAC	Support
UVC ePTZ	Support

## Input/Output Interface

USB Interface	1xUSB 2.0: Type A.
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## ROCWARE®

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