ROCWARE®

RC19
HD Mini USB 2.0 Camera

FULL HD 1080P **4X** **USB**

◉ 1080p Full HD with ultra-wide angle and distortion correction
Support 1080p HD, provide maximum image encoding output with 1080@30fps/25fps, compatible with 720p resolution. Maximum horizontal field of view is 90°.

◉ Electronic pan & tilt
Great performance on pan & tilt function with more accurate rotation compared to the traditional manual device. Provides a more reliable and easier user experience with 4x digital zoom function.

◉ Built-in Microphone
Pick up clear audio from up to 6m away with the omnidirectional microphone and special noise suppression AGC algorithm technology.

◉ USB 2.0
Full function USB 2.0 interface, integrated power supply, video and audio in one connection.

◉ Privacy Shutter
Quickly and easily attach or detach the privacy shutter to block the camera when not in use, or when you just want to use the microphone features.

◉ Dual stream (optional)
Simultaneously support two streams of output (YUY2, MJPEG, H.264, any two) to reduce the pressure of host encoding and decoding. (The second channel only supports H.264)

◉ Low light
The new CMOS image sensor with ultra-high signal-to-noise ratio and 2D / 3D noise reduction algorithm can effectively reduce the image noise, which keeps the image clear and clean even in low light.

◉ Easy to install
Standard configuration with damped rotating shaft bracket, adapt to almost 100% of the displays on the market, easy to install, stable and reliable.

Video camera	
Sensor	1/2.8'', CMOS, maximum pixel: 2.07M
Scanning mode	progressive
Lens bayonet type	M12
lens option 1	Focal length: F = 2.8mm, HFOV: 90°
lens option 2	Focal length: F = 2.8mm, HFOV: 90° (with AF)
Minimal Illumination	0.5Lux @ (F1.8, AGC ON)
Electronic shutter	1/30s ~ 1/10000s
White balance	Auto, Manual, VAR
Camera bracket	Standard damping rotating bracket
Privacy shutter	Support
Digital noise reduction	2D&3D digital noise reduction
BLC	Support
Digital zoom	4X

USB Features	
Support operating system	Windows® 7 (Support 1080p), Windows 8.1, Windows 10 or higher; macOS™ 10.10 or higher; Google™ Chromebook™ Version 29.0.1547.70 or higher; Linux (need to support UVC);
Hardware Requirements	2.4 GHz Intel® Core 2 Duo processor or higher; 2 GB RAM or more; USB 2.0 interface ;
Video compression	YUY2 / H.264 / MJPEG
Video resolution	1080p/30/25; 720p/30/25; 960x540p/30/25; 640x360p/30/25;
USB video communication protocol	UVC 1.1
UAC	Support
UVC PTZ control	Support（ePTZ)

Input/Output Interface	
USB Interface	1xUSB 2.0: Type A

General specification	
Input voltage	5V (USB powered)
Input current	200mA
Operating temperature	0℃ ~ 40℃ (32°F ~ 104°F)
Stored temperature	–40℃ ~ 60℃ (–40°F ~ 140°F)
Power Consumption	1W
Size	103mm x27mm x 30mm
Weight	0.153kg (0.33 lb)
Mean time between failures	>30000 hours