ROCWARE®
www.rocware.com

4k Ultra HD USB Webcam

RC16

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4K UHD 30FPS	**110°**	**AF**			
4K@30fps	110° Wide Angle	AF	Auto Framing	Humanoid Tracking	Built-in Mic

RC16 is a high-performance USB camera designed specifically for small to medium-sized meeting rooms and personal office environments. It is equipped with a next-generation UHD CMOS image sensor, providing 4K ultra-high-definition resolution images. In addition, it features automatic focus, Auto framing, Humanoid tracking algorithms, and audio processing capabilities, delivering an exceptional conference audiovisual experience for users.

4K Ultra-High Definition

It utilizes a 1/2.7-inch UHD CMOS sensor with an effective pixel count of 8.29 million. It supports a maximum 4K@30fps image encoding output, delivering higher picture resolution and rich details.

110° Wide Angle
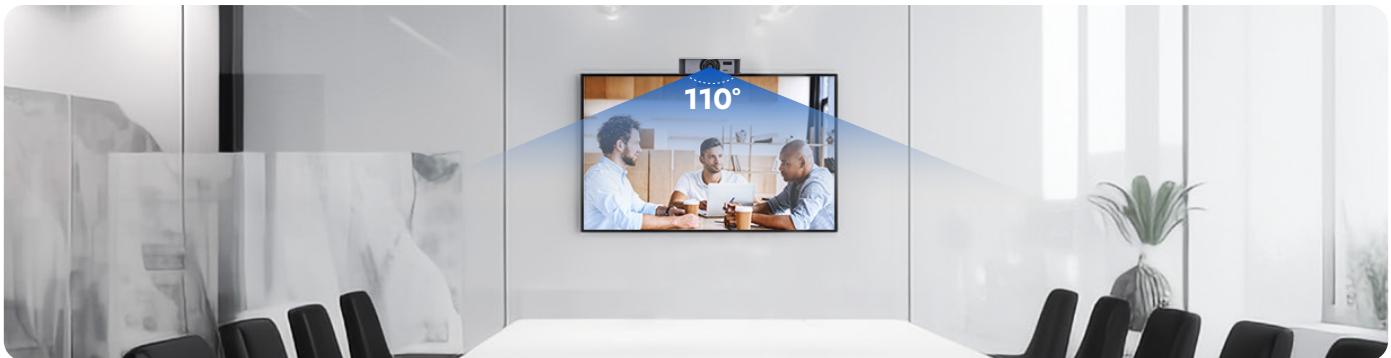
Equipped with a 110° ultra-wide-angle lens, it captures a wider range and minimizes image distortion. With Auto Framing technology, it can automatically detect people within the field of view and adjust the picture angle accordingly.

Auto Framing with AI Technology
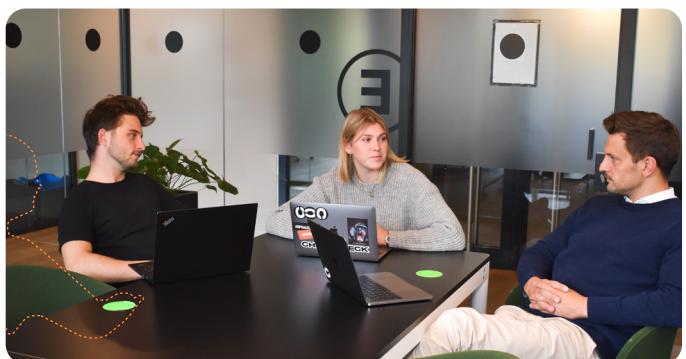
The camera integrates AI algorithms and facial recognition technology, automatically identifying changes in seating arrangement in the meeting room and adjusting the camera's field of view for optimal framing. It can also track new participants as they enter the frame.

Humanoid Tracking with AI Technology

With the built-in NNE hardware unit and deep learning technology, it achieves smooth person tracking by extracting target features, regardless of the direction the person's face is facing.

6-meter Clear Audio Pickup

6m
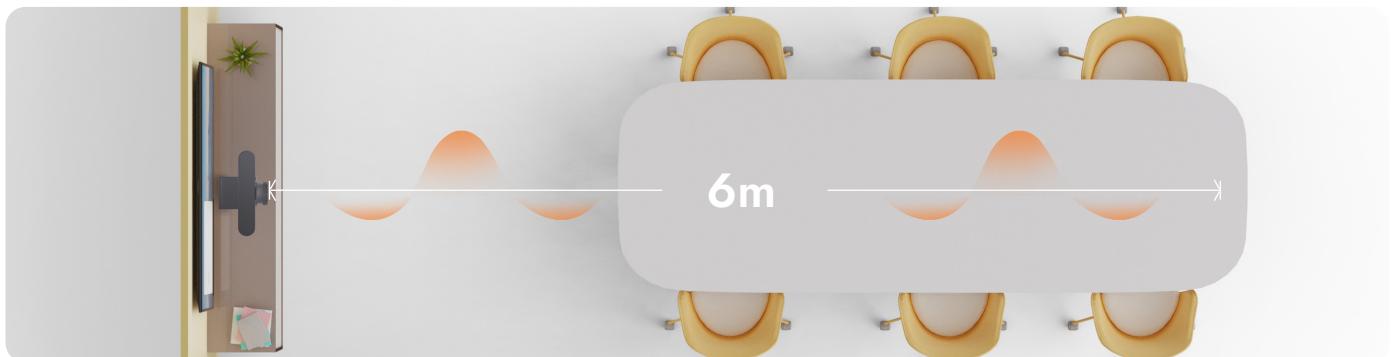
Featuring a built-in beamforming microphone array and unique noise suppression and automatic gain algorithms, it ensures clear audio pickup within a range of 6 meters, enhancing speech clarity.

One-Click Convenience

USB 3.0 interface

MENU
► Exposure
Color
Image
Noise Reduction
Setting
Information
Restore Default
Exit

With the exquisite infrared remote control and exclusive software, users can easily activate features such as automatic framing and person tracking with a single click. It also allows convenient settings for presets, electronic pan-tilt-zoom (ePTZ), image parameters, providing a user-friendly operating experience.

▼ CAMERA

Sensor	1/2.7'', CMOS, 8.29 Megapixels
Scanning Mode	Progressive
Lens Mount	M12
Lens	Focal length: f=2.2mm, Wide Angle:110°
Minimum Illuminance	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Camera Bracket	Standard equipped damped rotating bracket

▼ GENERAL SPECIFICATION

Input Voltage	5V (USB-powered)
Input Current	0.6A (MAX)
Operating Temperature	0℃ ~ 40℃
Storage Temperature	-40℃ ~ 60℃
Power Consumption	3.0W(MAX)
Dimension	118mm (W)x 37.2mm(D)x 34.5mm(H) (stent-free)
Weight	0.2kg

▼ 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 (4K need USB3.0)
Color System / Compression	H.264 / MJPEG / YUY2
Video Format	4KP30/25, 1080P30/25, 720P30/25, 960x540P30/25, 640x360P30/25,etc.
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support (EPTZ)

▼ INPUT / OUTPUT INTERFACE

USB	1x USB 3.0; Type-C
Infrared Remote Control	Support

16 YEARS

Independent Research and Development

Localized Audio and Video Technology

For 16 years since its establishment, Rocware has adhered to independent research, development and innovation, continuously invested in improvement, and fully mastered the core algorithm technology in the field of audio and video. The entire product line is independently controllable, safe, reliable, and highly competitive.

Own Factory

Complete Self-owned Supply Chain

Rocware has its own factory, it can independently complete part of the mold design and manufacturing, CNC processing, plastic injection molding and other basic material production. It also has an internationally advanced high-speed double-sided PCB SMT line, precision equipment assembly and testing line, to ensure product quality and stable supply.

800-416-1895

Well-developed After-sales Support System

Rocware has set up five major marketing centers around the world, with more than 30 after-sales service outlets. It provides 7*12 hour customer service telephone support, as well as various online and offline technical support and after-sales services to comprehensively ensure the user experience.

ROCWARE® | Valuable Professional