RC20

1080P Video Conferencing PTZ Camera

1080P   **10x Optical Zoom**   **H.264 Slice**   **Mechanical PTZ**   **Full-function USB**

RC20 is a video conferencing camera designed for high cost-effectiveness needs of enterprises. It features a new generation 1/2.8-inch HD CMOS sensor and delivers excellent image quality at 1080P resolution. With its 10x optical zoom capability, it presents clear details of the meeting room.

1080P Full HD

Equipped with a high-quality HD CMOS sensor with 2.07 million effective pixels, it provides a maximum resolution of 1920x1080, delivering full HD image quality.

10x Optical Zoom

The lens supports 10x optical zoom with a focal length of f=4.7mm ~ 46.3mm, presenting clear close-up views of the meeting room.
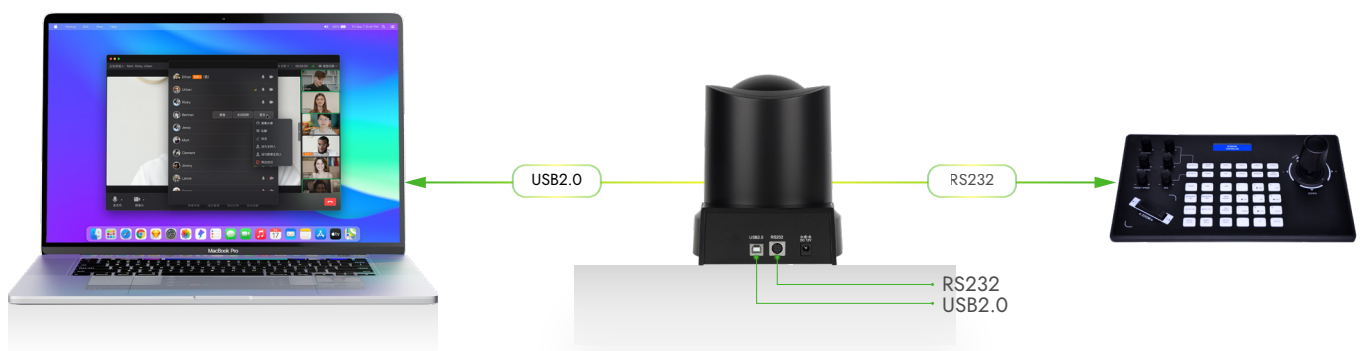
Silent Mechanical PTZ

Built-in self-developed motorized pan-tilt, the camera can rotate horizontally up to ±170° with a rotation speed of 2.7° ~ 47° /s, and vertically from -30° to 90° with a rotation speed of 3.4° ~ 30° /s.

Low-latency Screen Transmission

Slice

SVC

Supporting Slice and SVC encoding, it adapts to various network environments, achieving low-latency and high-quality transmission of video signals.

Remote Control

USB2.0

RS232

RS232
USB2.0

The camera supports RS232 serial port and can be equipped with a remote control keyboard to control the camera functions, such as pan, tilt, and zoom.

Flexible Installation

It supports horizontal and vertical flipping, and can be installed in different ways, such as normal mounting, suspension, or ceiling mounting, depending on the actual needs of the meeting room.

Product Specification

▼ CAMERA

Video Resolution	1080P, 720P, 540P, 480P, 360P, 240P
Sensor	1/2.8'', CMOS, 2.07 Megapixels
Scanning Mode	Progressive
Lens	10x, f4.7mm ~ 46.3mm, F1.8 ~ F2.8
Digital Zoom	16x
Minimal Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, Adjustable color temperature
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	58.5° ~ 6.5°
Vertical Angle of View	35.1° ~ 3.6°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	2.7° ~ 47°/s
Tilt Speed Range	3.4° ~ 30°/s
H & V Flip	Support
Number of Preset	255
Preset Accuracy	0.1°

▼ INPUT / OUTPUT INTERFACE

USB	1x USB 2.0, Type-B Jack
Communication Interface	1x RS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JEITA Type (DC IN 12V)

▼ USB FEATURES

Operating System	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color System / Compression	YUY2 / H.264 / MJPEG
Video Format	H.264 AVC: Max 1080P30; H.264 SVC: Max 1080P30; MJPEG: Max 1080P30
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support

▼ GENERAL SPECIFICATION

Input Voltage	DC 12V
Input Current	1A (Max)
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	12W (Max)
MTBF	>30000H
Dimension	141.5mm(W) × 151.1mm(D) × 170.2mm(H)
Weight	1.153kg

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15 YEARS

Independent Research and Development

Localized Audio and Video Technology

For 15 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.

+1-800-416-1895

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 CORPORATION

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