

CAMERAS

1080P Video Conferencing PTZ Camera

PTZ Camera mini (RC310)

RC310 is a highly cost-effective video conferencing camera designed specifically for small enterprise meeting scenarios. With a compact body the size of a palm, it features a 1/2.8" high-quality CMOS sensor that delivers 1080P HD image quality. It is equipped with various AI video algorithms, providing an outstanding video communication experience.



FEATURES

- ▶ USB PLUG-AND-PLAY**
 With just a single USB cable, it enables audio and video transmission as well as camera power supply, offering a hassle-free deployment experience.
- ▶ 1080P + 3X OPTICAL ZOOM**
 Using a new generation HD CMOS sensor, it delivers a Full HD 1080P video experience, combined with 3X optical zoom, ensuring clear images for both panoramic and close-up shots.
- ▶ WIDE FIELD OF VIEW**
 It features a 90° ultra-wide-angle lens that supports ±170° horizontal and -30° to +90° vertical rotation, capturing the entire meeting space without blind spots.
- ▶ 3M PICKUP DISTANCE**
 It has two built-in microphones with a pickup distance of up to 3m, eliminating the need for additional audio pickup devices and enabling simultaneous audio and video recording.

- ▶ TOF FAST AUTOFOCUS**
 Equipped with Time-of-Flight (TOF) laser focusing technology, it achieves rapid autofocus, keeping the subject in focus at all times, ensuring clear and stable image quality.
- ▶ AUTO FRAMING WITH AI TECHNOLOGY**
 Built-in video AI algorithms can recognize the positions of meeting participants and automatically adjust the camera's field of view to capture the best composition. In single-person shooting mode, the camera automatically tracks and focuses on the moving target.
- ▶ VERSATILE INSTALLATION**
 It supports both desktop installation and tripod installation, meeting the diverse installation needs of meetings and live streaming scenarios.

SPECIFICATIONS

▶ CAMERA

| | |
|---------------------------|---|
| Sensor | 1/2.8", CMOS, 2.07 Megapixels |
| Scanning Mode | Progressive |
| Lens | 3x, f3.41mm ~ 10.33mm, F1.66 ~ F3.03 |
| 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 | 90° ~ 30.7° |
| Vertical Angle of View | 52° ~ 18.4° |
| Horizontal Rotation Range | ±170° |
| Vertical Rotation Range | -30° ~ +90° |
| Pan Speed Range | 2.7° ~ 35.7°/s |
| Tilt Speed Range | 2.7° ~ 31.5°/s |
| H & V Flip | Support |
| Image Freeze | Support |
| Number of Preset | 255 |
| Preset Accuracy | 0.1° |

▶ USB FEATURES

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|----------------------------------|--|
| Operating System | Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android |
| Color System / Compression | YUY2 / MJPEG |
| Video Format | YUY2 (Isosynchronous), Max 640x480P30 MJPEG: Max 1920x1080P30 |
| USB Audio | Optional |
| USB Video Communication Protocol | UVC 1.1 |
| UVC PTZ Control | Support |

▶ GENERAL SPECIFICATION

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|-----------------------|--------------------------------------|
| Input Voltage | DC 12V / USB 5V |
| Input Current | 12V 0.4A / 5V 0.9A |
| Operating Temperature | -10°C ~ 40°C |
| Storage Temperature | -40°C ~ 60°C |
| Power Consumption | 5W |
| MTBF | >30000H |
| Dimension | 107.9mm(W) × 114.3mm(D) × 136.5mm(H) |
| Weight | 0.5kg |

▶ INPUT / OUTPUT INTERFACE

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|-------------------------|--|
| USB | 1x USB 2.0, Type-C Jack |
| Audio Input | Built-in dual mic |
| Communication Interface | 1x RS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VSCA/Pelco-D/Pelco-P |
| Power Jack | JEITA (DC IN 12V) / USB Type-C (DC IN 5V) |

INTERFACE

- 1 — USB 2.0 Interface
- 2 — RS232 Interface
- 3 — DC 12V Power Jack

