

C200-HW

4K Ultra-HD Camera



C200-HW

C200-HW is a next-generation 4K UHD PTZ camera that works with Huawei's UHD video conferencing endpoint range or cloud-registered soft clients, creating an unprecedented video conferencing experience.

- **Designed with Elegance**

The C200-HW was built with the integrator in mind, enabling ultra-wide field of view and powerful zoom capabilities. The professional-grade and elegant appearance adds to the aesthetics that delights the customer.

- **Effortless to Use**

Easy maintenance and configuration are made possible by the embedded OSD UI, through which the C200-HW can be operated independently. The C200-HW operations are also supported on the remote control or touch panel of the connected Huawei endpoint.

- **Unmatched Video Quality**

The 8.51-megapixel CMOS image sensor provides HDMI video outputs of up to 4K. Image enhancement based on human visual system and 3D video denoising based on motion estimation present images in true color and with every detail, creating the ultimate video conferencing experience. The C200-HW provides five image modes including Standard, Natural, Vivid, Scenery, and Meeting for you to choose from.

- **Intelligent Image Processing**

The C200-HW provides intelligent viewing with auto-sensing capabilities including automatic white balance (AWB), automatic exposure (AE), and automatic focus (AF).

- **High-performance Pan/Tilt/Zoom (PTZ)**

The high-precision pan, tilt, and zoom (PTZ) has a localization deviation of only $\pm 0.1^\circ$, which is leading. The PTZ is also fast-switching with a 80-degree-wide field of view.

- **12 x Optical Zoom**

The high-performance AF lens support stable focusing and 12 x optical zoom for best overview, which provides ideal framing to the far end.

- **255 Presets**

PTZ positions can be predefined. (A predefined PTZ position is named preset.) The PTZ can be adjusted to a specific position to capture desired images with just one button push through presets. Presets are saved even when the C200-HW is turned off.

- **USB3.0 Video Output**

The C200-HW can be connected to a laptop to deliver images through the USB3.0 port.

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Specifications

Model	
Model	C200-HW
Lens	
Image sensor	8.51-megapixel, 1/2.5-inch CMOS
Video output resolution	4K 25/30, 1080p 50/60, 1080p 25/30
Video	
Zoom	12x optical zoom
Aperture	F1.8 ~ F3.56±5%
Focal length	3.85 ~ 43.06 mm ±5%
Max. horizontal/ vertical field of view	80°/50°
Pan/Tilt angle	Pan: ±110°; tilt: ±30°
Pan/Tilt speed	Pan: 1.7°/s (tele) to 80°/s (wide); tilt: 0.7°/s to 28°/s
Min. illumination	3 lux (50 IRE, F1.8)
Shutter speed	1/25–1/10000 seconds
Number of presets	255
Image Mode	
Image mode	Standard, Natural, Vivid, Scenery, and Meeting
Auto-Sensing	
White balance	Auto, manual, or one-button-push
Exposure	Auto, manual, aperture priority, shutter priority, or brightness priority
Focus	Auto, manual, or one-button-push
Prominent Features	
Digital wide dynamic range (WDR)	Supported
Ceiling-mounted	Supported
Remote control (infrared)	Remote control over an endpoint through the connected camera
Software upgrade	Software upgrade through the local USB port
Power Supply	
Input voltage	100–240V AC, 50–60 Hz
Output voltage	12V DC
Power	≤12W
Physical Specifications	
Operating temperature	0°C to 40°C
Dimension	Camera: 6.10 in. x 9.80 in. x 5.47 in. (155 mm x 249 mm x 139 mm) Packages: 12.60 in. x 16.73 in. x 11.22 in. (320 mm x 425 mm x 285 mm)
Weight	Net weight: 4.30 lb (1.95 kg) Gross weight: 10.36 lb (4.7 kg)
Ports	
Video output port	1 x USB3.0 1 x HDMI 1.4b
Control port	2 x RS232 serial port