

# RC25 1080P Full HD Video Conference Camera



RC25 is a video conferencing camera that supports h.264 encoding, which can transmit 1080p 60fps video streams with ultra-low bandwidth, using panasonic's 1/2.7 inch 2.07 megapixel HD CMOS sensor with up to 1920x1080 high-resolution images. The unique auto inspection feature optimizes your camera control, automatically and seamlessly capturing content between your preset areas without manual adjustment, widely suitable for educational recording, live events, live streaming and other application scenarios.

# Main Features

## 1080P Full HD

Using Panasonic's 1/2.7-inch, 2.07 million effective pixel high-definition CMOS sensor to achieve high-resolution and high-quality images of up to 1920x1080.



## 20x optical zoom + 16x digital zoom

RC25 supports 20x optical zoom and 16x digital zoom to capture crystal-clear images with a field of view of 60.7° ~ 3.36°.



## Remote control

RS232/485 interface is used to realize the remote control of the camera parameters through high-speed communication.



## Low Illumination

New CMOS image sensor with ultra-high SNR can effectively reduce the image noise under low illumination. Meanwhile, the application of 2D and 3D noise reduction algorithms dramatically reduces image noise. The image maintains clean and clear even under ultra-low light illumination.



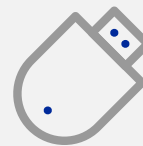
## Support AAC audio encoding

AAC is an audio compression algorithm with a high compression ratio, using the latest technologies such as temporary noise reforming and joint stereo. The use of these new technologies has further improved the compression ratio and saved about 30% of storage space and bandwidth, providing better sound quality and high sound fidelity.



## Local Storage

Support local storage, record directly to local U disk without NVR.

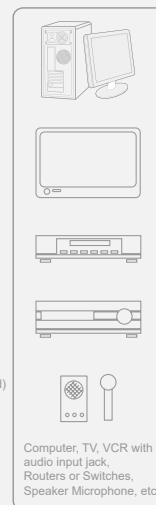
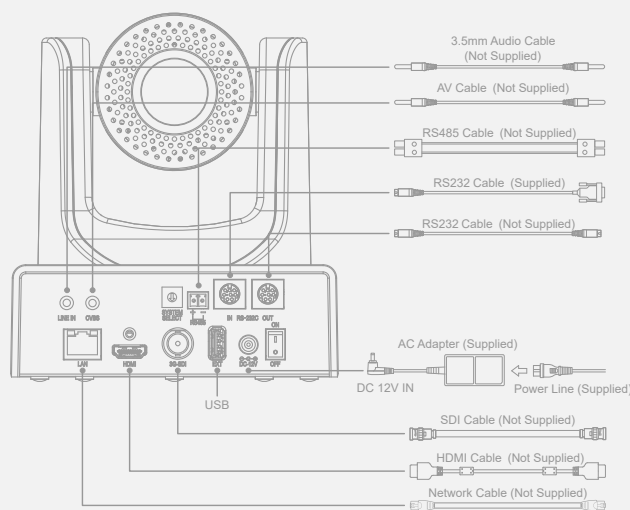
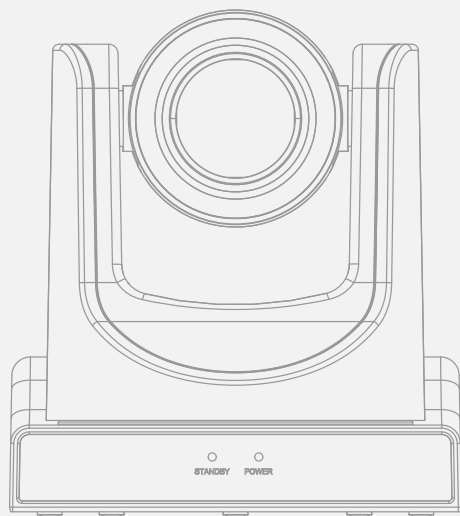


## 255 presets.

Rocware's exclusive Auto inspection feature optimizes your camera control to automatically and seamlessly capture content between your preset areas. With Preset Areas Tracking, you can seamlessly switch between presets in all your preset areas with just one RC25, giving your video a wide variety of shooting ranges.



# Product Interface



# Remote Control

## 1.Standby Key

Enter into standby mode by pressed it.

## 2.Numeric Key

Preset setting or transfer preset.

## 3.\* Key

Equipped with other keys for using.

## 4.Preset Key

Preset: Setting Preset + Number key (0-9).

## 5.HOME Key

Confirm menu or the PTZ will back to the middle position after pressed it.

## 6.Return Key

Return back the last level menu.

## 7.Zoom Button

Making the lens wide angle/narrow angle slowly or quickly.

## 8.Left/Right Setting Key

Standard: Simultaneously press Left/Right setting key + 1 (horizontal).  
 Reverse: Simultaneously press Left/Right setting key + 2 (horizontal).

## 9.FOCUS Key

auto/manual/far-end/near-end focus.

1

2

3

4

5

6

7

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11

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15

16

17

## 10.Selection Key

Select the camera need to control.

## 11.# Key

Need to equipped with other key.

## 12.IR Remote Control Key

[\*+ # +F1/F2/F3/F4]: NO.1/2/3/4 address.

## 13.RESET Key

Delete preset (reset key + corresponding preset number key).

## 14.PTZ Control Key

PTZ moved according to the arrow indicates.

## 15.MENU Key

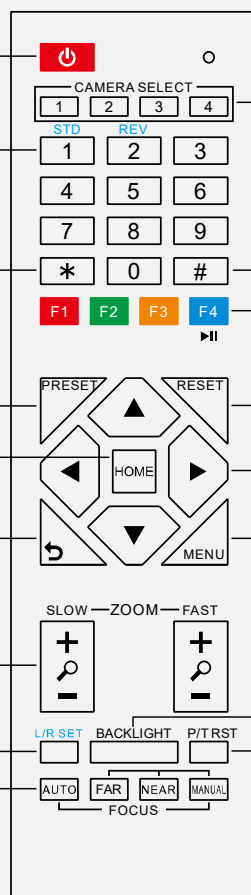
Enter or exit OSD Menu after pressed it.

## 16.BACKLIGHT Key

Turn on/off backlight consumption (loop).

## 17.PTZ Reset Key

PTZ starts to self-test after pressed it.



# Product Specifications

## Camera

Video System	HD: 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25 SD: 480i, 576i
Sensor	1/2.7", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens	20x, f4.42mm ~ 88.5mm, F1.8 ~ F2.8
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	60.7° ~ 3.36°
Vertical Angle of View	34.1° ~ 1.89°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	1.7° ~ 100°/s
Tilt Speed Range	1.7° ~ 69.9°/s
H & V Flip	Support
Image Freeze	Support
PoE	Support
Local Storage	Support
Number of Preset	255
Preset Accuracy	0.1°

## Input/Output Interface

HD Output	1xHDMI: Version 1.3 1x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard
SD Output	1xCVBS: 3.5mm mini jack, 1Vp-p, 75Ω
Network Interface	1xRJ45: 10M/100M Ethernet Interface
Audio Interface	Audio Interface 1-ch: 3.5mm Audio Interface, Line In
USB	1xUSB2.0: Type A female jack
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P 1xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only 1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JEITA type (DC IN 12V)

## IPC Features

Video Compression	H.264/MJPEG
Video Stream	Main Stream, Sub Stream
Main Stream Resolution	1920x1080, 1280x720, 1024x576
Sub Stream Resolution	720x576, 720x480, 320x240
Video Bit Rate	128Kbps ~ 8192Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.

## Generic Specification

Input Voltage	DC 12V / PoE (802.3af)
Current Consumption	1.0A (Max)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	12W (Max)
Size	169mm x 142mm x 164mm
Net Weight	1.35Kg (3.0lb)



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