



RGB821U Zoom Certified 1080P 60FPS PTZ Camera

RGB821U adopts a new generation of Panasonic 1/2.8-inch high-quality HD CMOS sensor with 2.07 million effective pixels, which can output high-quality images with a maximum resolution of 1920x1080. It delivers brilliant colors and detailed video in 1080P at 60fps, even in low-light environments that are too dark or too bright. It supports 12x optical zoom combined with PTZ function, which can present a 72.5° ~ 6.9° field of view to capture crystal-clear images. Widely used in live events, webcasting, video conferencing, online and distance teaching and other application scenarios.

12x Optical Zoom

RGB821U supports 12x optical zoom and 16X digital zoom to catch every details in around 12 meters. The horizontal rotation range of the PTZ is close to 360° while the vertical tilt range is from -30° - +90°.

A high-definition video conferencing camera designed specifically for medium to large conference scenarios, featuring a brand-new generation of HD COMS high-quality sensors that deliver 1920x1080 resolution image quality and output frame rates of up to 60 frames per second, providing a more refined and smooth video conferencing experience.



1080P FULL HD

Adopt Panasonic's 1/2.8 inch, 2.07 million effective pixels high quality HD CMOS sensor, which can reach maximum 1920 x 1080 high resolution, output frame rate up to 60fps and display clear video, vividly represent the expressions and movements of the characters. The camera can be controlled remotely through the RS232, network and USB port.

72.5° Wide-Angle lens

The exclusively customized 72.5° high-quality ultra-wide-angle lens, support 12x optical zoom and 16x digital zoom. It supports 12x optical zoom combined with PTZ function, which can present a 72.5° ~ 6.9° field of view to capture crystal-clear images.

Auto Framing

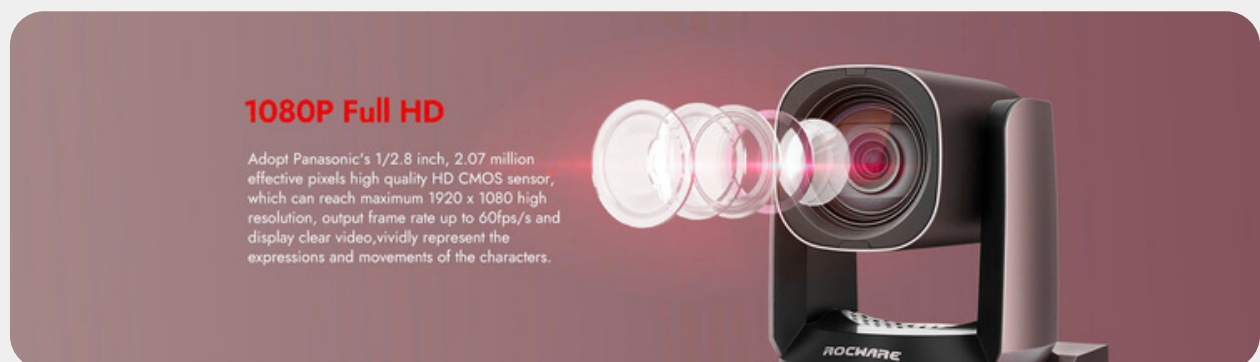
RGB821U can accurately obtain the number and distribution of participants through face detection, intelligently control PTZ cameras to capture all participants in the screen, and adjust to the best screen.

Triple Way Of Power Supply

- Multiple video interfaces, support HDMI, USB3.0 and AV output. And has 3 ways of power supply.
- Simultaneously support to use 5V USB cable, 12V power cable and PoE for power supply.

PoE

The wired network supports PoE power supply, the control, power supply, video and audio can be completed with a network cable.



Specifications

- Sensor: Panasonic 1/2.8-inch high-quality HD CMOS sensor with 2.07 million effective pixels
- Resolution: Maximum 1920x1080 (1080P)
- Frame Rate: Up to 60fps for smooth video output
- Performance: Delivers brilliant colors and detailed images, even in low-light, dark, or bright environments
- Zoom: 12x optical zoom
- PTZ Function: Supports pan-tilt-zoom for versatile control
- Field of View: 72.5° to 6.9° (adjustable via zoom)
- Image Quality: Crystal-clear, high-quality images
- Design Purpose: High-definition video conferencing camera for medium to large conference scenarios
- Key Benefits: Refined and smooth video conferencing experience
- Applications: Live events, webcasting, video conferencing, online and distance teaching



1080P Full HD



72.5° Wide-angle-lens



12X Optical Zoom



16X Digital Zoom



Mechanical PTZ



USB 3.0



255 Preset



Remote Control



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