



4K Camera for Health Cart



The 4K Camera For Health Cart is ideal medical professionals. Featuring a 1/2.8-inch UHD CMOS sensor, they deliver 4K resolution at 60 fps. It offers 12x optical zoom with a 72.8° horizontal field of view. This includes built-in microphones for 360° audio pickup, support HDMI and 3G-SDI outputs, and offer laser-assisted autofocus. With Power over Ethernet (PoE) support and a web interface for remote configuration, these cameras are versatile solutions for various professional applications.

Key Features

- 4K Resolution at 60 fps:** Both cameras provide high-definition 4K video output, ensuring sharp and clear visuals for professional applications.
- Optical Zoom Capabilities:** The JX2612 features 12x optical zoom, while the JX2620 offers a powerful 20x optical zoom, allowing for versatile framing and detailed shots.
- Built-in Microphone Array:** Equipped with a 360° omnidirectional microphone, these cameras capture clear audio with noise suppression, enhancing overall production quality.
- Multiple Video Outputs:** Support for HDMI and 3G-SDI outputs ensures compatibility with various video equipment and broadcasting setups.
- Web-Based Configuration:** A full function web interface allows for easy remote control and configuration, simplifying installation and operation in diverse environments.

General Specifications

Optical Zoom : 12x

Horizontal FOV : 72.8° ~ 6.8°

Vertical FOV : 44.1° ~ 3.8°

Camera Specifications

Signal System

- **HDMI:** 4KP60, 1080P60, etc.
- **Sensor :** 1/2.8 inches, CMOS, Effective Pixels: 8.4 Megapixel

Focus Mode : Auto, One Push, Manual

Minimum Illumination : 0.5Lux

Shutter : 1/30s ~ 1/10000s

White Balance : Auto, Indoor, Outdoor, One Push, Manual, VAR

Backlight Compensation : Support

HDR : Support

Digital Noise Reduction : 2D/3D Digital Noise Reduction

Network Specifications

Video Compression : H.264 / H.265 / MJPEG

Video Stream : First Stream, Second Stream

First Stream Resolution :

3840x2160, 1920x1080, 1280x720 etc.

Second Stream Resolution :

1920x1080, 1280x720, 1024x576 etc.

Video Bit Rate : 32kbps~102400kbps

Bit Rate Control : VBR, CBR

Frame Rate 50Hz 1fps~50fps, 60Hz:1fps~60fps

Audio Compression : AAC、G711A

Sampling Rate : 48KHz

Audio Bit Rate : 48Kbps, 64Kbps, 96Kbps, 128Kbps

Protocols : NDI®, TCP/IP, HTTP, RTSP, RTMP(s), Onvif, etc.

SNR : ≥ 55dB

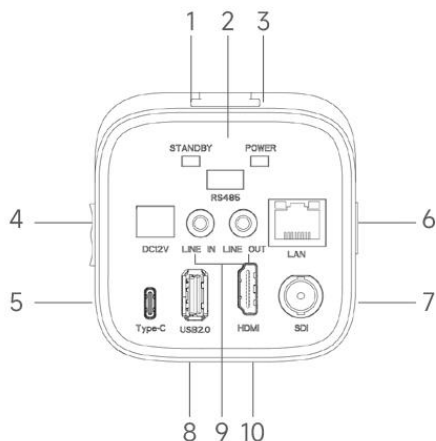
Anti-flicker : Support

Image Flip : Support

Image Freeze : Support

POE : Support

Preset Position : 255



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|------------|-----------------------|
| 1. STANDBY | 6. LAN |
| 2. RS485 | 7. 3G-SDI |
| 3. POWER | 8. USB2.0 |
| 4. DC 12V | 9. LINE IN / LINE OUT |
| 5. Type-C | 10. HDMI |

General Specifications

Device Operation

Body Buttons : Zoom operation, focus operation, brightness adjustment, menu control, image freezing, mode switching

Webpage : Full-Function Webpage

HD Output : 1 x HDMI: Version 2.0, 1 x

3G-SDI: BNC, 800mVp-p

Network Interface : 1 x RJ45: 10M/100M/1000M adaptive Ethernet, Support PoE (802.3af)

Audio Input : 1 x Line In (3.5mm Jack), 2 x Microphone input

Audio Output : 1 x Line Out (3.5mm Jack)

USB Interface : 1 x USB3.0, Type-C

Control Interface : 1 x RS485: 2-pin phoenix port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P

Power Interface : DC005-2.0mm (12V)

Operating System Supported : Windows 7, 8 and above, Mac OS X, Linux 2.4.6+, Android (UVC-related drivers required)

Input Voltage : DC 12V/PoE (802.3af)

Input Current : 1A (Max.)

Operating Temperature : 10° C ~ 40°

Storage Temperature : C-40° C ~ 60° C

Dimensions : 145mm (W) x 76mm (D) x 78.5mm (H)

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