



# SA-C40VU-KC

## STARVIEW CAMERA

- **Uncompressed Professional Video Output**

Supports HDMI 2.0 and 12G-SDI interfaces, enabling uncompressed 4K@60fps digital video output.

- **Support Dante AV-H (Optional)**

Transmit high-quality audio and video in real-time via Ethernet, compatible with Starview products. Control and manage with Starview Controller, using network time protocol for flexible and low-latency routing.

- **Built-in Gravity (Optional)**

Support for automatic image flip, the camera can be installed, hanging, to meet the needs of more practical engineering projects.

- **Low-Light Enhancement**

A brand-new CMOS image sensor with a 55dB SNR effectively reduces image noise in low-light conditions. The 3D noise reduction significantly lowers image noise, ensuring clear images in low-light situations.

- **Supports NDI|HX2 (Optional)**

This camera supports the next-generation network video transmission technology NDI|HX2, featuring plug-and-play, low latency, and easy deployment. It supports simultaneous transmission of audio, video, and control signals.

- **Multiple Interfaces**

In addition to the HDMI 2.0 interface, it features a 12G-SDI interface. HDMI, 12G-SDI, USB, and LAN can simultaneously output four HD digital signals.

### DESCRIPTION

Designed for professional broadcasting, educational recording, administrative meetings, and more, the camera offers a resolution of 4K at 60 frames per second (fps). Equipped with AI humanoid tracking algorithms and PTZ, it achieves stable tracking throughout the venue.

### KEY FEATURES

- **4K@60FPS**

Utilizes a UHD CMOS sensor with a 1/1.8-inch size and 8.42 million pixels.

- **Long Optical Zoom + UHD Lens**

Equipped with 4K Ultra HD Long Focal Length Lens, supporting a maximum 20x optical zoom and a 60° FoV.

- **Humanoid Tracking**

Equipped with in-house-developed ReID technology, the device identifies the speaker's figure, appearance, and outfit. As the speaker moves within the room, the camera automatically tracks them, ensuring the target remains centered. Even if there are interferences or the speaker exits the frame, the camera swiftly recaptures and tracks them upon reentry.

- **Remote Control**

Multiple control options, including RS232, RS422/RS485, network, and USB for camera control.

## Technical specifications

## SA-C40VU-KC

	Signal System	<ul style="list-style-type: none"> <li>• HDMI: 4K@60fps, 4K@59.94fps, 4K@50fps, 4K@30fps, 4K@29.97fps, 4K@25fps, 1080@60fps, 1080@59.94fps, 1080@50fps, 1080@30fps, 1080@29.97fps, 1080i@60fps, 1080i@59.94fps, 1080i@50fps</li> <li>• 12G-SDI: 4K@60fps, 4K@59.94fps, 4K@50fps, 4K@30fps, 4K@25fps, 4K@29.97fps, 1080@60fps, 1080@50fps, 1080i@60fps, 1080i@50fps, 1080@30fps, 1080@59.94fps, 1080i@59.94fps, 1080@29.97fps, 720@60fps, 720@59.94fps</li> </ul>	
	Sensor	1/1.8 inches, CMOS, Effective Pixels: 8.42 Megapixels	
	Lens	20x, f = 6.25 mm ~ 125 mm, F1.58 ~ F3.95	
	FOV	Horizontal: 60° ~ 3.5°; Vertical: 35.7° ~ 2.0°	
	Scanning Mode	Progressive	
	Digital Zoom	16x	
	Minimum Illumination	0.5Lux @ (F1.8, AGC ON)	
	Shutter	1/30s ~ 1/10000s	
Camera	White Balance	Auto, Indoor, Outdoor, One Push, Manual	
	Backlight Compensation	Support	
	Digital Noise Reduction	3D Digital Noise Reduction	
	SNR	≥ 55dB	
	Pan Angle	± 162.5°	
	Tilt Angle	-30° ~ +90°	
	Pan Speed	1.8°/s ~ 80°/s	
	Tilt Speed	1.5°/s ~ 49°/s	
	Image Flip	Support	
	Image Freeze	Support	
	Preset Position	255	
	Preset Accuracy	0.1°	
		Operating System Supported	Windows 7 (only supports UVC1.1 features), Windows 8 and above version, Mac OS X, Linux 2.4.6 and above version, Android needs to include the version of UVC-related drivers
	USB	USB Audio	Support
USB Video Communication Protocol		UVC 1.1 ~ 1.5	
USB Video Format		YUY2: Max. 1080@5fps; H.264 AVC: Max. 2160@30fps; H.265 HEVC: Max. 2160@30fps; MJPEG: Max. 2160@30fps.	
Color System/Compression		YUY2 / H.264 / MJPEG / H.265	
UVC PTZ Control		Support	
	Video Compression	H.265 / H.264 / MJPEG	
	Video Stream	First Stream, Second Stream	
Network	First Stream Resolution	3840×2160, 1920×1080, 1280×720, 1024×576, etc.	
	Second Stream Resolution	720×480, 320×240, etc.	
	Video Bit Rate	First Stream: 32 Kbps ~ 51,200 Kbps - Second Stream: 32 Kbps ~ 20,480 Kbps	
	Bit Rate Control	VBR, CBR	
	Frame Rate	50Hz: 1 fps ~ 50 fps, 60Hz: 1 fps ~ 60 fps	
	Audio Bit Rate	96 Kbps, 128 Kbps	
	Protocols	AV-H, ND HX2, SRT, TCP/IP, HTTP, RTSP, RTMP(s), Onvif, DHCP, GB/T 28181, Multicast, etc.	
	Audio Compression	AAC, G711A	
		USB Interface	1x USB2.0: Type-C
	Interfaces	Control Interface	1x RS485: 2 pin Phoenix port, Max. Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P; 1x RS232 IN: 8 pin Mini DIN, Max. Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P; 1x RS232 OUT: 8 pin Mini DIN, Max. Distance: 30m, Protocol: VISCA only.
Network Interface		1x RJ45: 10M/100M/1000M adaptive Ethernet	
Audio Interface		1x LINE IN: 3.5mm Jack	
Restore Button		Support	
Power Interface		JEITA type (DC IN 12V)	
HD Output		1x HDMI: Version 2.0; 1x 12G-SDI: BNC, 800mVp-p, 75Ω, as per SMPTE2082 standard	
		Display	Support
	Power Supply	DC 12V / PoE+ (802.3at)	
	Power Consumption	18 W	
General	Environmental Requirement	<ul style="list-style-type: none"> <li>• Operating Temperature: 0°C ~ 40°C;</li> <li>• Storage Temperature: -40°C ~ 60°C;</li> <li>• Relative Humidity: 5% ~ 90% (non-condensable)</li> </ul>	
	Dimension (W x D x H)	223 × 163 × 166 mm	
	Weight	1.8 kg	

For technical or sales support, please visit:

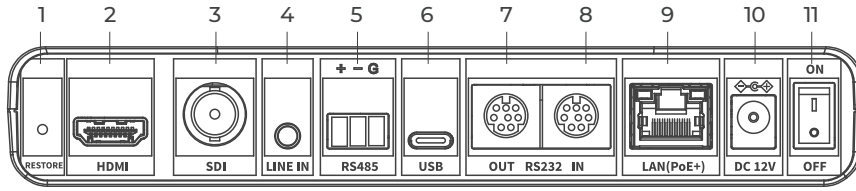
[www.starviewint.asia](http://www.starviewint.asia)

Performance specifications are typical. Due to constant research, specifications are subject to change without notice. For the most up-to-date specifications, please contact an authorized Starview representative.

For assistance with confirming the Jurisdiction & Classification of Starview Asia products, please contact [info@starviewint.asia](mailto:info@starviewint.asia)

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## INTERFACE DIAGRAM



1 - RESTORE  
2 - HDMI  
3 - SDI  
4 - LINE IN

5 - RS485  
6 - USB  
7 - RS232 OUT  
8 - RS232 IN

9 - LAN  
10 - DC 12V  
11 - ON/OFF