



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

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Camera	Signal System	• 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 • 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
	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
	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°
USB	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 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
Network	Video Compression	H.265 / H.264 / MJPEG
	Video Stream	First Stream, Second Stream
	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, NDI HX2, SRT, TCP/IP, HTTP, RTSP, RTMP(s), Onvif, DHCP, GB/T 28181, Multicast, etc.
	Audio Compression	AAC, G711A
Interfaces	USB Interface	1x USB2.0: Type-C
	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
General	Display	Support
	Power Supply	DC 12V / PoE+ (802.3at)
	Power Consumption	18 W
	Environmental Requirement	• Operating Temperature: 0°C ~ 40°C; • Storage Temperature: -40°C ~ 60°C; • Relative Humidity: 5% ~ 90% (non-condensable)
	Dimension (W x D x H)	223 × 163 × 166 mm
	Weight	1.8 kg

For technical or sales support, please visit:

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

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INTERFACE DIAGRAM

