

KT-A31V

4K audio and video all-in-one camera

4K UHD 30FPS

MECHANICAL PTZ

AUTO FRAMING

ARRAY MICROPHONE SPEAKER

SOUND TRACKING



Features

■ Integrated design:

The integrated design of 4K Ultra HD camera, linear microphone array and full frequency loudspeaker reduces wiring and after-sale to make video communication easier.

■ 4K Ultra HD:

With SONY 1/2.8" Progressive CMOS, 8 megapixel, superior quality sensor, it can achieve high-quality image in 4K (3840 * 2160) ultra-high resolution, compatible with 1080p, 720p and other resolutions. It can meet the needs of users for different video experience and provide more clear, real, smoother, and accurate communication..

■ Mechanical PTZ design:

Support the rotation function of micro-motion mechanical pan/tilt. With 105 degree large wide-angle, it can achieve the shooting range of 120 degree visual video.

■ Audio 3A algorithm:

The built-in audio 3A algorithm and full-duplex dialogue can meet the communication needs of different scenarios, whether you are standing or sitting, it can make the communication clear.

■ Full frequency speaker:

Full-frequency and high-fidelity speakers with professional acoustic design can reduce the sound interference and provide extraordinary sound effects.

■ AI intelligent analysis:

Built-in intelligent algorithm, identification of people, automatic zooming of participants, automatic tracking of speaker's voice, to ensure that the speaker or actor is always on the screen.

■ USB3.0 Plug and play:

The plug-and-play USB interface is directly connected to the computer, which can reduce wiring and make you use the camera once out of the box to lower the user's using threshold.

■ Application:

Designed for small and medium-sized meeting rooms, it provides flexible installation options such as desktop, wall mounting, and on the top of large screens, making it easier to be quickly deployed and installed in crowded meeting rooms.

Specifications

Camera	
Resolution	3840*2160,1920*1080,1280*720,960*540,800*600,720*576,720*480,640*480,640*360,352*288,320*240
Image Sensor	SONY 1/2.8" Progressive CMOS 8.5 megapixels
Effective Pixels	8.5 Megapixels (16:9)
Video Output	USB 3.0 (Compatible with USB 2.0)
Lens	4k Fixed Focus Lens
Aperture	2.1mm
Horizontal View Angle	105°
Mechanical PTZ	Horizontal :18° ±9° Vertical: 18°±9°
Digital Noise Cancellation	3D Digital Noise Cancellation
Auto Framing	Support
Digital Noise Cancellation	3D Digital Noise Cancellation
Backlight Compensation	Support
Color Light	Support
Sound Tracking	Support
Image Flip	180°
Image Mirror	Support
White Balance	Automatic / manual
Intelligent application	Auto view, audio tracking, digital zoom
Ant- Flicker	50HZ/60HZ
Video Adjustment	Brightness, Gain, Saturability, Contrast ratio, Definition, Gamma

S/N ratio	>55dB
Language	English / Chinese
Remote Control	IR Control
Audio video	
Pickup	Built in 4 mics
Speaker	Built in speaker
Microphone array	Linear array microphone, pickup distance up to 8 meters
USB Feature	
Protocol	UVC 1.1
Operation System	Window7 and above、 MacOS、 Linux、 Android
UVC video encoding format	YUY2、 MJPEG、 H.264、 H.265
UVC video resolution	320x240、 640x480、 720x576、 800x600、 1280x720、 1920x1080,etc
UVC video FPS	Up to 30fps
Interface	
USB port	1 line, USB 3.0, Type-B socket
MIC	3.5mm MIC IN
Audio Expansion	LINE-IN: Support externally extended 3.5mm passive microphone input
General Specifications	
Input Voltage	DC 12V
Input Current	Max.1A
Power Consumption	Max.12W
Camera Dimensions	(L)400×(W)70×(H)45mm Host (L)400×(W)92×(H)82mm Host with bracket
Weight	950g
Accessories	Power adapter x1, IR remote x1,USB3.0 cable x1, User manual x1