Camera TV-6124HU

HD video conferencing dedicated camera built-in software V2.0

Description

4K camera with advanced technologies such as PTZ control, audio and video storage, mechanical control, electronically controlled transmission, streaming media transmission protocol, noise reduction processing, automatic exposure, automatic white balance, autofocus, digital noise reduction and other advanced technologies. At the same time, a variety of output methods are provided for collection and use by post-stage systems to achieve 4K30 ultra-high-definition video output and provide ultra-high-definition images. It is widely used in conference rooms, lecture halls, classrooms, training rooms, command centers and other application places.

Feature

* Adopting a 1/2.8-inch high-quality UHD CMOS sensor with a maximum of 8.46 million effective pixels, with 12x optical zoom and a horizontal field of view of up to 72.5°.Support 4K ultra-high-resolution high-quality images and is backward compatible with multiple resolutions such as 1080P and 720P.

* Support HDMI1.4 format and can directly output 4K@30fps uncompressed digital video. Support HDMI, 3G-SDI, UVC, LAN output, support up to three channels of video output at the same time, support up to 4K@30fps (3G-SDI supports up to 1080P@60fps) and support backward compatible output.

* The network interface supports 10M/100M adaptive Ethernet and POE.

* Support various control protocols such as Visca, Pecol-d/Pecol-p, Onvif, GB/T28181, etc., and can remotely control the camera through infrared remote control, RS-232, RS-485 and network.

* With a high signal-to-noise ratio CMOS image sensor, it can effectively reduce image noise in low illumination situations. The simultaneous application of 2D and 3D noise reduction algorithms greatly reduces image noise. Even in ultra-low illumination conditions, the image is still clean and clear, and the image signal-to-noise ratio is as high as over 50dB.

* The software runs on the Linux operating system, and the system is reliable and stable. Support Chinese or English version, choose to install Chinese or English version according to the operating system environment. Support PC web page control, web page preview adjustment, 256 preset position setting control, streaming media and network camera settings.

* Support audio collection with a maximum sampling rate of 48K, and supports AAC and G711A audio compression standard encoding output.

* Support H.264, H.265, MJPEG video encoding standards, dual stream output, and the highest stream resolution can support 3840×2160 output. Support horizontal flipping and vertical flipping of images to facilitate project installation and use. Support OSD menu display interface, displays current time, and displays IP when booting.

* Multiple streaming media transmission protocols, supporting network audio and video transmission protocols such as RTSP, RTMP, SRT, HTTP, GB/T28181, Onvif, etc.

* Support cross-network segment search and configuration function for all cameras in the network.That is, in a self-organized LAN or a communication network, you only need to connect the configuration computer to the network, open the web configuration background, and automatically search for all online cameras for quick configuration. This greatly reduces the workload of implementation personnel and improves user experience.

* Support inserting TF memory card to record and store audio and video files, and supports recording in multiple video formats such as MP4, TS, AVI, MKV, etc.

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Specification

Output signal	4K@30fps , 1080P@60fps , 1080P@50fps , 1080P@30fps , 1080@25fps , 720P@60fps , 720P@50fps
Image Sensor	1/2.8"CMOS
Sensor pixels	Effective pixels: 8.46 million
Focal distance	f=4.14mm~47.08mm
Aperture coefficient	F1.6~F2.8
Optical zoom	12x
Scanning method	Line by line
Horizontal angle	72.5°~6.3°
Digital zoom	8x
Focus system	Automatic, manual, one-key trigger, PTZ trigger
Image gain	Automatic / manual
White balance	Automatic, manual, one-click white balance, static color temperature
BLC	Support
Wide dynamic range	Support
Exposure control	Auto, manual, shutter priority, aperture priority, brightness priority
SNR	≥50dB
Menu	English Chinese
Horizontal range	-170°~+170°
Vertical range	-30°~+90°
Horizontal rotation speed	0.1°~120°/s
Vertical rotation speed	0.1°~90°/s
Flip, horizontal flip	Support
Number of preset points	256
CPU	ARM Corte×-A53 dual-core architecture SSD268G, main frequency 1.2GHz
Memory	8GB
Network card	1 100M network card, support POE power supply
Video output	1×HDMI interface, 1×SDI interface, 1×USB interface
Other	5*serial port (2*232 IN serial port, 2*232 OUT serial port, 1*485 serial port), 1*audio input, 1*USB2.0 interface, 1*TF card interface
Voltage input	100-240V,50/60Hz
Voltage output	12V/1.5A
Dimensions (L×W×H)	220.2×181×145.3mm
Working environment	Working temperature 0~45°C, working humidity 10%RH~90%RH (non-condensing)
Storage environment	-10℃~60℃
Vertical motor operating voltage	12V
Horizontal motor operating voltage	12V