Camera TV-6104HK

Description

This camera has complete functions, excellent performance and rich interfaces; it adopts advanced ISP processing technology and algorithms to make the image effect vivid and lifelike, the picture brightness is uniform, the light and color layering is strong, the clarity is high, and the color reproduction is good ; it also supports H.265/H.264/MJPEG encoding, making the picture smoother and clearer under low bandwidth ; it is suitable for application places such as conference rooms, lecture halls, classrooms, training rooms, command centers, etc.

Feature

*It uses an 8.29MP high-quality SONY CMOS image sensor with a resolution of up to 4K @ 30 , as well as a lens with 10x optical zoom and a horizontal viewing angle of up to 67.5° , providing image quality with superb clarity and resolution.
*The use of CMOS image sensors with ultra-high signal-to-noise ratio can effectively reduce image noise in low-light conditions; and the use of advanced 2D and 3D noise reduction technologies can further reduce noise while ensuring image clarity .
*It has AI human tracking function , built-in high-speed processor and exclusive advanced image processing and analysis algorithm. Users can choose real-time tracking and regional tracking according to the usage environment.
*The video output has 1-channel HDMI interface , 1-channel USB3.0 interface, and 1-channel network interface , among which USB3.0 supports dual stream .
*It has 1-channel multi-function USB2.0 interface , which can be configured as a USB disk storage mode according to user needs, or can be connected to an external USB interface omnidirectional microphone or USB Bluetooth Dongle omnidirectional microphone .
*It has 1 RS232-IN control interface , supports VISCA, PELCO-D, PELCO-P protocols, and supports automatic identification of protocols.
*such as ONVIF, GB/T28181, RTSP, RTMP, VISCA OVER IP, IP VISCA, RTMPS, and SRT; supports RTMP push mode, easily connecting to streaming media servers (Wowza, FMS); and supports RTP multicast mode.
*The use of high-precision stepper motors and precision motor drive controllers ensures that the gimbal runs smoothly at low speeds and without noise.
*Supports low-power sleep/wake-up, with power consumption less than 400mW when in sleep mode.
*Supports 255 preset positions (10 for remote control settings).
*Built-in gravity sensor, supports automatic pan/tilt flip function, convenient for engineering installation.

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HD video conference camera embedded software V2.0

Specification

Image sensor	1/2.8 inch high quality CMOS sensor
Effective pixels	829M, 16:9
Video signal	HDMI: 4KP30, 4KP25, 1080P60 , 1080P50, 1080P30, 1080P25, 720P60, 720P50, 1080P59.94, 1080P29.97, 720P59.94; LAN:Main stream: 1920×1080/1280×720/640×480@30/25/20/15/10/5 fps ;Sub-stream: 1280×720/640×360/640×480/ 320×240/320×180@30/25/20/15/10/5fps ; USB3.0 output supports video formats including:Main stream: YUY2/NV12: 1920×1080/1280×720/1024×576/ 800×600/800×448/640×360/640×480/480×270/320×180@30/25/20/ 15/10/5fps ; MJPG/H264:3840×2160/ 2560×1440/1920×1080/1600×896/1280×720/1024×576/960×540/800×600/ 800×448/720×576/720×480/640×360/ 640×480/480×270/352×288/320×240@30/25/20/15/10/5fps ;Sub-stream: YUY2/NV12:1920×1080/1280×720/ 1024×576/800×600/800×448/640×360/640×480/480×270/320×180@25/20/15/10/5fps ; MJPG/H264:3840×2160/ 2560×1440/1920×1080/1600×896/1280×720/1024×576/960×540/800×600/ 800×448/720×576/720×480/640×360/ 640×480/480×270/352×288/320×240@30/25/20/15/10/5fps ;
Optical zoom lens	10x optical zoom
Viewing angle	Horizontal: 7.6° (narrow angle) ~ 67.5° (wide angle)
Aperture factor	F1.76 ~ F3.0±5%
Digital zoom	16x digital zoom
Minimum illumination	0.5Lux(F1.8, AGC ON)
Digital noise reduction	2D & 3D Digital Noise Reduction
White balance	Automatic/manual/one-key white balance/specified color temperature
Focus mode	Automatic/manual/one-button focus
Exposure mode	Auto, Manual, Shutter Priority, Aperture Priority, Brightness Priority
Aperture	F1.8 to F11, CLOSE
Shutter speed	1/25 ~ 1/20000
Backlight compensation	switch
Dynamic range	Off, 1 to 8
Video adjustmen	Brightness, contrast, sharpness, black and white mode, horizontal flip, vertical flip, electronic zoom, ultra-low illumination
Signal-to-Noise ratio	>50dB
Video output interface	1× HDMI, 1× LAN, 1× USB3.0
Video compression format	LAN interface supports H.264, H.265 ; USB 3.0 interface supports MJPEG, H264, YUY2, Nv12
Audio compression format	AAC, MP3, G.711A
Network interface	10M/100M/1000M adaptive Ethernet port, support POE power supply, support audio and video output
Network protocol	RTSP, RTMP, ONVIF, GB/T28181, VISCA OVER IP, IP VISCA, RTMPS, SRT, support remote upgrade, remote restart, remote reset
Control interface	1× RS232-IN
Serial communication protocol	VISCA/Pelco-D/Pelco-P; support baud rate 115200/38400/9600/4800/2400
USB communication protocol	UVC (video communication protocol), UAC (audio communication protocol)
Power adapter	Input AC110V~AC220V; Output DC12V/2A
Input voltage	DC12V±10%
Input current	<1A
Power consumption	<12W
Horizontal rotation	-125° ~ +125°
Pitch	-30° ~ +30°
Horizontal control speed	0.1°/s ~ 65°/s
Pitch control speed	0.1°/s ~ 35°/s
Preset speed	Horizontal 65°/s, Tilt 35°/s
Number of preset positions	Users can set up to 255 preset positions (10 for the remote control)
Storage temperature	-10℃ ~ +70℃
Storage humidity	20% ~ 95%
Operating temperature	-10℃ ~ +50℃
Operating humidity	20% ~ 80%
Dimensions (L×H×W)	15 2 mm × 15 5 mm × 126 mm
Weight (approx.)	About 1.0kg