Camera

Embedded software: V2.0 embedded software for HD video conferencing camera (20X, 1080P Full HD, wide viewing angle, multi interfaces, multi protocols)

TV-620HC

Description:

* With completed function, excellent performance, rich interface;Advanced ISP processing technology and algorithms to make vivid image, uniform screen brightness, better light layering, high definition, good color reducibility. Support H.265 / H.264 encoding to make the picture more smooth and clear with low bandwidth . Applicable to remote education, teaching recording and broadcasting, conference system, remote training, telemedicine, trial system, emergency command system, etc.

Feature:

* Full HD image:adopt1/2.8 inch high-quality image sensor, the max resolution up to 1920×1080, the output frame rate up to 60 FPS.
* Leading auto-focus technology: advanced auto-focus algorithm makes the lens fast, accurate and stable to complete auto focus.
* Low noise high SNR: low noise CMOS effectively ensures the camera's video ultra-high SNR. Adopt advanced 2D, 3D noise reduction technology, further reduce the noise while ensuring image resolution.
* Audio input interface: support 16000,32000,44100,48000 sampling frequency, support AAC, MP3, G711 audio coding.
* Super mute PTZ: adopt high-precision stepper motor and precision motor drive control to ensure PTZ low speed operation smoothly without noise .
* Various video output interface: support DVI (HDMI), 3G-SDI, wired LAN; 3G-SDI support 1080P60.
* Various video compression standard: support H.265 / H.264 video compression; support compression up to 1920x1080 resolution 60 FPS; support 2×1920×1080 resolution 30 FPS.
* Various network protocols: support ONVIF, GB/T28181, RTSP, RTMP protocol, RTP multicast, meanwhile support RTMP push mode, easy link streaming media server (Wowza, FMS)
* Low power consumption sleep function: support low power consumption sleep / wake up, power consumption less than 400mW when sleep.
* Various control protocol: support VISCA, PELCO-D, PELCO-P protocol, support automatic identification protocol. Support network full command VISCA control protocol.
* Multiple Preset Bits: Support up to 255 presets (remote control setting adjust to 10).

Specification:

Model	TV-620HC
Image Sensor	1/2.8 inch high quality CMOS sensor.
Effective Pixels	2.07 million,16: 9
Video Signal	ST interface video format: 1080P60/50/30/25/59.94/29.97; 1080I60/50/59.94; 720P60/50/30/25/59.94/29.97
Lens Zoom	20× optical zoom, f=4.7~94mm. 10× digital zoom
Perspective	2.9° (narrow angle) ~55.4° (wide angle)
Aperture Coefficient	F1.6 ~ F3.5
Min Illumination	0.5Lux(F1.8, AGC ON)
Digital Noise Reduction	2D & 3D DNR.
White Balance	Automatic/ manual/one key white balance 3000K/ 4000K/5000K/6500K
Focus	Automatic/ manual/one key focus
SNR	>55dB
Video Interface	DVI (HDMI), 3G-SDI, LAN
Image Stream	Dual stream output
Video Compression Format	H.265, H.264; Dual stream output.
Control Signal Interface	RS-232, with loop RS-232 output
Control protocol	VISCA/Pelco-D/Pelco-P; Baud Rate: 115200/9600/4800/2400bps
RS485 Interface	1 Channel RS485 Control Interface
Audio Input Interface	A-IN, Dual channeltwo channel 3.5mm line input
Audio Compression Format	AAC,MP3,G.711.
Network Interface	100M network interface(10/100 BASE-TX), support network VISCA control protocol
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181, RTP multicast
Power Interface	HEC3800 power socket (DC12V)
Horizontal Rotation	-170°~+170°
Pitching Rotation	-30°~+90°
Horizontal Control Speed	0.1 ~100°/s
Pitch Control Speed	0.1~45°/s
Power Adapter	Input AC110V-AC220V,Output DC12V/1.5A
Input Current	1A(MAX)
Power Consumption	12W(MAX)
Working Temperature	-10℃~+50℃
Working Humidity	20%~80% Non condensing
Size(W*H*D)	258mm×172mm×169mm
Weight	1.54kg