

Communication Camera TV-620HC

(20X, 1080P Full HD, wide viewing angle, multi interface, multi protocol)



Product Description

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

Product Description

* 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 protocol: 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: Support up to 255 presets (remote control setting adjust to 10).

Technical Parameter

- * 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 by face Tracking over 30ft/ Manually or 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.
- * Audio Input Interface : A-IN, two 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: $-170^{\circ}\sim+170^{\circ}$.
- * Pitching Rotation : $-30^{\circ}\sim+90^{\circ}$.
- * Horizontal Control Speed: $0.1\sim100^{\circ}/s$.
- * Pitch Control Speed: $0.1\sim45^{\circ}/s$.
- * Power Adapter: Input AC110V-AC220V output DC12V/1.5A.
- * Input Current: 1A (max).
- * Power Consumption: 12W(max).
- * Working Temperature: $-10^{\circ}\text{C}\sim+50^{\circ}\text{C}$.
- * Working Humidity: 20%~80%.
- * Size (W×H ×D): 258×172×169mm.
- * Weight: 1.54kg.