



* 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 Features

- * Full HD image: adopt 1/2.8 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 1920×1080 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, $f=4.7\sim94\text{mm}$. 10× digital zoom.
- * Perspective: 2.9° (narrow angle) $\sim 55.4^\circ$ (wide angle).
- * Aperture Coefficient: F1.6 \sim 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.
- * 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: $0.1 \sim 100^\circ/\text{s}$.
- * Pitch Control Speed: $0.1 \sim 45^\circ/\text{s}$.
- * 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% \sim 80%.
- * Size (W×H×D): 258×172×169mm.
- * Weight: 1.54kg.