



## PRODUCT SHEET

# HT-EV08



## HD COLOR VIDEO CAMERA

### HD CAMERA AUTO-TRACK FOR CONFERENCE SYSTEM

This series camera offers perfect functions, superior performance and rich interfaces.

The features include advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution and fantastic color rendition. IP Version Camera supports H.264/H.264+ encoding which makes motion video fluent and clear even with less-than-ideal bandwidth conditions.

1. **Super high-definition image:** It employs high quality CMOS sensor. Resolution is up to 1920x1080 with frame rate up to 60 fps.
2. **Various optical zoom lens:** It has 20X optical zoom lens for options.
3. **Leading Auto focus technology:** Leading auto focus algorithm makes lens a fast, accurate and stable auto-focusing.
4. **Low noise and High SNR:** Low Noise CMOS effectively ensure high SNR of camera video. Advanced 2D/3D noise reduction technology is also used to further reduce the noise, while ensuring image sharpness.
5. **Quiet PTZ:** By adopting high accuracy Servo Algorithm for PTZ Control, Precise location ( $\pm 0.1^\circ$ ), it works extremely quiet and moves smoothly and very quickly to designated position.
6. **Multiple remote controls:** There is IR Remote Controller. RS232, RS485. Support transparent transmission function.
7. **Support Multiple Control Protocol:** Support VISCA, PELCO-D, PELCO-P protocols which can also be automatically recognized. Support VISCA control protocol through IP port.
8. **RS-232 cascade function:** ST series support RS-232 cascade function which is convenient for installing.
9. **255 presets positions:** Up to 255 presets.
10. **Wide application:** Tele-education, lecture capture, Webcasting, Video conferencing, Tele-training, Tele-medicine, Interrogation and Emergency command systems.
11. **Support Multiple Video Interface: SDI Camera:** HDMI, HD-SDI(3G), IP. **USB3.0 Camera:** HDMI, USB3.0, IP Please check the specifications of the camera.

## PRODUCT SPECIFICATION

|                         |  |
|-------------------------|--|
| Lens                    | SDI+HDMI Camera USB3.0 +HDMI Camera  |
| Optical Parameter       | Sensor SONY 1/2.8" IMX CMOS  |
| Effective Pixels        | 2.07 Megapixels  |
| Signal System           | PAL/NTSC   |
| Resolution              | 1080P60/50/30/25/59.94 、<br>1080I60/50/59.94 、<br>720P60/50/59.94  |
| HDMI:                   | 1080P60/50/30/25/59.94 、<br>1080I60/50/59.94、 720P60/50/59.94  |
| USB3.0:                 | 1080P60/50/30/25/;720P60/50/30/25  |
| HOV                     | 20X:58.7°(W)~3.2°(T)   |
| Shortest View Distance  | 10mm(W)~1000mm(T)  |
| Minimum Illumination    | 0.1Lux   |
| Exposure Control        | Auto, Manual   |
| Shutter Speed           | 1/1s ~ 1/10,000s, 22 steps   |
| Gain                    | Manual   |
| White Balance           | Auto, ATW, Indoor, Outdoor, Manual   |
| Noise-Signal Ratio      | ≥50db  |
| OSD Menu                | Support  |
| Mechanical Parameter    | Pan-Tilt Horizontal Angle: ±170°(Maximum speed: 100°/s)<br>Vertical Angle: -30°to +90°(Maximum speed: 60°/s) |
| No. of Preset Positions | 255  |
| Preset Positions        | Support  |
| Interface               |  |
| Video Output            | HDMI, HD-SDI(3G), RJ45 HDMI, USB3.0,RJ45   |
| Control Interface       | RS-232C(Mini 8-DIN)(VISCA IN and OUT), RS485<br>RS-232C(Mini 8-DIN),RS485                                    |
| Control Protocol        | VISCA, PELCO P/D   |
| Baud Rate               | 9600bps, 4800, 2400bps, 115200   |
| Network Parameter       | Video Compression H.264,H.265  |
| Frame Rate              | 1920*1080@30fps, 1280*720@30fps;<br>960*540@30fps, 640*480@30fps   |
| Video Compression Rate  | 100kbps-8Mbps Continuously Adjustable, Support CBR/VBR   |
| Data Storage            | Video and Photos   |
| Storage Mechanism       | Auto, Manual(Loop, Timing, Motion Detect)  |
| Protocols               | TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS,<br>DHCP, FTP, NTP, UPNP,RTMP                                  |
| ONVIF                   | Support  |
| Browser                 | Higher Version than IE11   |