

HTI-XC900

Dual-eye 4K Tracking Camera

The Hitrolink logo is displayed in white lowercase letters on a red rectangular background.

Hitrolink XC900, a dual eyes tracking camera, designed for video conference and education. It consists of 12× optical zoom lenses, multiple AI algorithms, and wide rotation angle PTZ to cover scene like: Board room, auditorium, classroom, etc.

FEATURES SPOTLIGHT

- **4K UHD Image**
Using 8.51MP high-quality SONY CMOS image sensor, the maximum resolution can reach 4K30 frames per second
- **Multiple control protocols**
Support VISCA, PELCO-D, PELCO-P protocols, support automatic identification protocols
- **Multiple control interfaces**
RS422 (compatible with RS485), RS232; RS232 supports cascading, which is convenient for engineering installation and use
- **Multiple video output interfaces**
Support HDMI, USB3.0, wired LAN interface; support POE power supply, USB3.0 supports dual stream
- **Optical zoom lens**
12x 80.5° distortion-free optical zoom lens option
- **Advanced focusing technology**
Advanced auto-focusing algorithm enables the lens to complete auto-focusing quickly, accurately and stably
- **Intelligent voice positioning and tracking**
Built-in 6 omnidirectional microphone arrays, intelligent voice positioning algorithm, can locate the speaker's position in real time, and can set voice tracking on/off
- **Intelligent framing**
Built-in high-speed processor and built-in face detection algorithm, automatically detect participants and provide ideal framing

SPECIFICATION

Device Parameters

Pan angle	±110°
Tilt angle	±30°
Lens Optical Zoom	12x optical zoom
Field of View	7.6°(narrow angle) 80.5°(wide angle)
Aperture Factor	F1.8 ~ F3.6±5%
Image Sensor	1/2.8 inch high quality CMOS sensor
Effective Pixels	8.51MP, 16:9
Digital Zoom	15X
Panoramic Lens	Fixed Focus Lens
Viewing Angle	110.2°\101.8°\69.5°(D\H\V)
Aperture	F2.0±5%
Focal Length	f=1.89mm
Minimum Illumination	0.5Lux (F1.8, AGCON)
Digital Noise Reduction	2D&3D digital noise reduction
White Balance	Automatic/manual/one-key white balance/specified color temperature
Focus	Automatic/manual/one key focus
Aperture	FL8 ~ FL1, CLOSE
Shutter Speed	1/25~1/20000
Backlight Compensation	On/Off
Dynamic Range	Off/1~8
Video Adjustment	Brightness, hue, saturation, contrast, sharpness, black and white mode, gamma curve
Signal-to-Noise Ratio	> 50dB
Video Signal	HDMI: 4KP30, 4KP25, 1080P30, 1080P25, 1080P29.97 USB3.0 output supports video formats including main stream: YUY2/NV12:1920 X1080/1280X720/1024X576/800X600/800 X448/640X360/480X270/320X180@10/5fps ; MJPG/H264:3840*2160/1920X1080/1600X896/1280X720/1024X576/960X540/800 X 600/800 X 448/720 X 576/720 X 480/640 X 360/640 X 480/480 X 270/352 X 288/320 X 240@30/25/20/15/10/5fps; Secondary code stream:YUY2/NV12:1280 X 720/1024 X 576/800 X 600/800 X448/640 X 360/640 X 480/480 X 270/320 X 180@30/25/20/15/10/5fps; MJPG/H264:1920 X1080/1600 X 896/1280 X 720/1024 X 576/960 X 540/800 X 600/800 X 448/720 X 576/720 X 480/640 X 360/ 640 X 480/480 X 270/352 X 288/320 X 240@30/25/20/15/10/5fps;

Interface Function Performance

Product Interface	HDMI, LAN (support POE), USB3.0, A-IN, RS232-IN, DC12V power supply, power switch
Video Output Interface	HDMI, LAN, USB3.0
Video Compression Format	LAN interface supports: H.264, H.265; USB 3.0 interface supports: MJPG, H264, H.265, YUY2, NV12
Audio Input Interface	Dual-channel 3.5mm linear input
Audio Output Interface	HDMI, LAN, USB3.0
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/T28181L VISCAOVERIP, IP VISCA, RTMPS, SRT, support remote upgrade, remote restart, remote reset
Control Interface	RS232-IN
Serial Communication Protocol	VISCA/PELCO-D/-P; support baud rate 115200/38400/9600/4800/2400
USB Communication Protocol	UVC (video communication protocol), UAC (audio communication protocol)
Power Interface	HEC3800 power socket (DC12V)
Power Adapter	Input AC110V-AC220V; output DC12V/2.5A
Input Voltage	DC12V±10%
Input Current	<1A
Machine Power Consumption	<12W

AI Function

Intelligent Voice Positioning and Tracking	Support
Intelligent Framing	Support

Other Parameters

Weight (approx.)	1.7kg
Size	220(L)mm*144mm(W)*159mm(H)