

EK9010

VIDEO CONFERENCE CAMERA



Optical Zoom
10X



Digital Zoom
16X



Viewing Angle
H: 7.6° (N~ 67.5° (W)

Technical Specifications

EK9010 SERIES UHD VIDEO CONFERENCE CAMERA

UHD Camera Series features comprehensive functions, excellent performance, and rich interfaces. Advanced ISP processing technology and algorithms ensure vivid and lifelike images, uniform brightness, strong color hierarchy, high clarity, and excellent color reproduction. It supports H.265/H.264/MJPEG encoding, making the picture smoother and clearer even under low bandwidth conditions.

Image Sensor	1/2.8-inch-high quality CMOS sensor
Effective Pixel	8.29M, 16 : 9
Video Signal	HDMI : 4KP30, 4KP25, 1080P60, 1080P50, 1080P30, 1080P25, 720P60, 720P50, 1080P59.94, 1080P29.97, 720P59.94 LAN: Main Stream, 1920×1080/1280×720/640×480@30/25/20/15/10/5 fps; Sub Stream, 1280×720/640×360/640×480/320×240/320×180@30/25/20/15/10/5fps; The SB 3.0 output supports video formats including: Main Stream: YUY2/NV12: 920×1080/1280×720/1024×576/800×600/800 x 448/640×360/640 x 480/480 x 270/320 ×180@ 30/25/20/15/10/5fps; MJPG/H264: 3840×2160/2560x1440/1920x1080 /1600 ×896/1280×720/ 1024×576/960×540/800×600/800 ×448/720×576/720 /640x360/640x 480/480×270/ 352x288/320 x240@30/25/20/15/10/5fps; YUY2/NV12 max 1080P60
Optical Zoom	10X
Digital Zoom	16X
Viewing Angle	H: 7.6° (N~ 67.5° (W)
Iris Value	F1.76 ~ F3.0 ± 5%
Minimum Illumination	0.5Lux (F1.8, AGC ON)
DNR	2D & 3D
White Balance	Auto/Manual/One-push/Specified color temperature
Focus Mode	Auto/Manual/One-push
Aperture	F1.8 ~ F11, CLOSE
Shutter Speed	1/25~1/20000
BLC / Dynamic Range	On/Off
Video Adjustment	Brightness, Contrast, Saturation, W&B Mode, Horizontal flip, Vertical flip, Minimum Illumination
SNR	>50dB
Interface function performance	
Interface	HDMI, LAN (Support POE- Optional), USB3.0, USB2.0 IN RS232-IN, DC12V, Power Supply
Video output interface	HDMI, LAN, USB3.0
Video Compression Formats	LAN, H.264, H.265, USB 3.0, MJPG, H264, YUY2, NV12
Network Jack	10M/100M/1000M adaptive Ethernet port, support POE power supply, support audio and video output
Network Protocols	RTSP, RTMP, ONVIF, GB/T28181, VISCA OVER IP, IP VISCA, RTMPS, SRT support remote upgrade, remote restart, remote reset
Control Jack	RS232-IN, RS422
Serial Port communication Protocols	VISCA/Pelco-D/Pelco-P Support Baud Rate 115200/38400/9600/4800/2400
USB	UVC (Video Communication Protocols, UAC (Audio Communication Protocol)
Power Supply	HEC3800 Power Socket (DC12V)
Pan Move/ Tilt Move	-125°~ +125° / -30°~ +30°
Pan Speed / Tilt Speed	0.1°/s~65°/s / 0.1°/ s~35°/s
Preset Speed / Preset Quantity	Pan: 65°/s, Tilt: 35°/s / Up to 255 presets (10 via remote control)
Storage Temperature	-10°C~ +70°C
Storage Humidity	20% ~ 95%
Working Temperature	-10°C~ +50°C
Working Humidity	20% ~ 80%
AI Function	
Real-time tracking	Tracking distance upto 7 Mtr. and supports tracker walking speed upto 4mph
Zone tracking	Upto 4 tracking areas, Horizontal - 125°~ +125°, vertical -- 30° ~ +30°

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