

C212 Dual-lens 4K AI Tracking PTZ Conference Camera



SKU: 0200212-I2

EAN:

FEATUES

● 71° wide Angle lens + 12x optical zoom

Lens Angle is adjustable, Panoramic camera lens Angle can be adjusted up and down (-15° ~ 15°), which is very convenient for engineering installation and debugging. Exclusive custom high-quality true 8 million ultra high resolution 4K ultra wide Angle lens, 12 times optical zoom, horizontal field of view up to 71°.

● Integrated design, intelligent teaching and tracking

Integrated design, can output panoramic and close-up multi-channel HD video. Built-in leading image recognition and tracking algorithm, no need for any auxiliary positioning camera or tracking host can achieve smooth and natural tracking effect, assembly of different cameras before production, so as to achieve tracking requirements in various scenes.

● 4 k ultra-high resolution

High quality UHD CMOS sensor with 1/2.5 inch and maximum 8.51 megapixel can achieve 4K(3840x2160) high resolution image quality. And downward compatible with 1080P, 720P and other resolutions.

● Built-in microphone, H.265 encoding support

Built-in microphone array, omnidirectional sound pickup, sound pickup distance up to 6 meters, unique noise suppression algorithm, so that perfect speech presentation.

H.265 coding ultra-high definition tracking camera can achieve ultra high definition 4K ultra low bandwidth transmission.

● Rich and perfect interface, built-in gravity sensor

Supports HDMI2.0 hd output, and is equipped with 3g-sdi interface, effective transmission distance up to 150 meters (1080p30). HDMI, 3G-SDI, USB3.0, LAN can output 4 hd digital signals at the same time. Support automatic image flipping function, convenient for engineering installation and use



SPECIFICATION

Camera Spec of Close-up Camera

Signal System	HDMI: 4KP30, 4KP25, 4KP29.97, 1080P30,1080P25; SDI: 1080P30, 1080P25;
Sensor	1/2.5 inches, CMOS, Effective Pixels: 8.51 Megapixels
Scanning Mode	Progressive
Lens	12x, f=4.4mm~52.8mm, F1.8~F2.6
Digital Zoom	16x
Minimum Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Backlight Compensation	Support
Digital Noise Reduction	3D Digital Noise Reduction
SNR	≥ 55dB

Horizontal FOV	71° ~ 8.2°
Vertical FOV	42.7° ~ 4.5°
Pan Angle	±170°
Tilt Angle	±30°
Pan Speed	1.61° ~ 75.56° /s
Tilt Speed	Tilt Speed
Image Flip	Support
Image Freeze	Support
Preset Position	255
Preset Accuracy	0.1°

Camera Spec of Panoramic Camera

Signal System	HDMI: 4KP30, 4KP25, 4KP29.97, 1080P30,1080P25; SDI: 1080P30, 1080P25;
Sensor	1/2.5 inches, CMOS, Effective Pixels: 8.51 Megapixels
Scanning Mode	Progressive
Type of Lens Mount	M12
Lens I	Focal length: f=8.0mm, Horizontal FOV: 48°
Lens II	Focal length: f=1.97mm, Horizontal FOV: 107°
Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Digital Noise Reduction	3D Digital Noise Reduction
Backlight Compensation	Support
Image Freeze	Support
Image Flip	Support

I/O

HD Output	1 x HDMI, Version 1.4b; 1 x 3G-SDI: BNC, 800mVp-p, 75Ω, as per SMPTE 424M standard
Network interface	1 x RJ45: 10M / 100M /1000M adaptive Ethernet;PoE+ supported
Audio Interface	1 x LINE In: 3.5mm Jack
USB Interface	1 x USB 3.0: Type-B ;1 x USB2.0: Type-A
Control Interface	1 x RS485: 2pin phoenix port, Max Distance:1200m, Protocol: VISCA / Pelco-D / Pelco-P 1 x RS232 IN: 8pin Mini DIN, Max Distance:30m, Protocol: VISCA / Pelco-D / Pelco-P 1 x RS232 OUT: 8pin Mini DIN, Max Distance:30m, Protocol: VISCA only
Power Interface	1 x DC-005/Φ2.0 type (DC IN 12V)

Network Spec

Video Compression	H.265 / H.264 / MJPEG
Video Stream	First Stream, Second Stream,Third Stream, Fourth Stream
First Stream, Second	3840x2160,1920x1080,1280x720,1024x576 etc.
Stream Resolution	
Third Stream, Fourth	720x480, 320x240 etc.
Stream Resolution	

Video Bit Rate	32kbps~51200kbps
Bit Rate Control	VBR, CBR
Frame Rate	50Hz: 1fps~25fps, 60Hz:1fps~30fps
Audio Compression	AAC、G711A
Audio Bit Rate	48Kbps, 64Kbps, 96Kbps, 128Kbps
Protocols	NDI® HX2,SRT,TCP/IP,HTTP,RTSP,RTMP/RTMP(s),Onvif,DHCP,GB/T28181,Multicast etc.
USB Spec	
Operating System	Windows 7 (only supports UVC1.1 features), Windows 8 and above version, Mac OS X,
Supported	Linux 2.4.6 and above version, Android needs to include the version of UVC-related drivers
Color System /	YUV / H.264 / MJPEG /NV12
Compression	
Video Format	YUY2: Max.1080P30; H.264 AVC: Max.2160P30; H.265 HEVC: Max.2160P30; MJPEG: Max.2160P30
USB Audio	Support
USB Video	UVC 1.1~1.5
Communication Protocol	
UVC PTZ Control	Support
Generic Spec	
Input Voltage	DC 12V/PoE+ (802.3at)
Input Current	2A (Max.)
Operating Temperature	-10° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Power Consumption	18W (Max.)
Dimension	200mm (W) x 177mm (D) x 165mm (H)
Net Weight	1.76kg
UVC PTZ Control	Support