

4k High-definition AI tracking

HDMI Conference Camera CE 4K220



Precise, smooth, and quiet positioning control algorithm

PTZ control

The precision motor control using advanced control algorithms is very quiet, smooth, and stable to operate, and can accurately and quickly move to designated positions for large-scale shooting.

True 4K high-definition images

Using a high-quality "Exmor R" CMOS sensor with 1/2.5 inch and 8.51 million effective pixels, it can achieve high-quality images with ultra-high resolution of 3840x2160, while ensuring high clarity and meeting the demand for smooth image quality.

Low noise and high signal-to-noise ratio

Low noise, high signal-to-noise ratio, ultra clear and multi-level image quality experience, broadband exposure dynamic control algorithm, making the image exposure uniform and strong in layering.

High definition, multi format, multi interface video output

USB 3.0+HDMI+IP interface, capable of outputting continuous images at any time, supporting various video formats such as 4Kp30/25, 51080P60/50/30/25, 720P60/50, etc.

Support AI tracking

Real time tracking of targets and automatic adjustment of perspective;

Support TF card local storage and one click recording function.

Support multiple protocol control methods

RS232 C/RS485 control mode (VISA protocol/Delco-D/Pelco-P), commonly using RS-232C and RS485, can perform functional operations on all camera settings for remote high-speed communication control.

Camera and lens parameters

Image sensor: 1/2.5-inch high-quality HD CMOS sensor

Effective pixels: 16:9 4K 8.51 million effective pixels

Video format: 4Kp30/25, 51080P60/50/30/25, 720P60/50

Lens zoom: 20x optical zoom, 12x digital zoom, F1.6~F3.5, f=5.5~110mm

Perspective: 58 ° (wide-angle end) to 2.9 ° (far end)

256 preset positions (10 preset positions on remote control with watch function)

Video interface: USB 3.0+HDMI+IP

***AI tracking: supported

***Local USB External Expansion: Supports

***One click video format switching image: supports

Minimum illumination: 0.1Lux

Signal to noise ratio:>52dB

White balance: automatic/indoor/outdoor/one key/manual

AE control: automatic/manual

Image Flip: Yes

Backlight compensation: available

Noise suppression function (3D NR): available

Focusing mode: automatic/manual

Menu: Chinese menu

Supported operating systems: Windows 7, Windows 8, Windows 10, Windows 11

PTZ control: IR remote control and RS485/RS422/RS232/USB

USB communication protocol: UVC1.1

Control protocols: VISA, PELCO-D, PELCO-P

***Communication control interface: RS-232, RS-422, RS485 baud rate:
9600/4800/2400bps

Control signal interface: 8-core mini DIN

Control signal format: Start bit: 1 bit, Data bit: 8 bits, Stop bit: 1 bit

Video encoding: MPEG/YUY2/H.264

Speed matching: optional pan tilt speed

Image flipping: horizontal and vertical flipping of images

Installation method: wall mounted/suspended/tripod

Horizontal rotation: ± 170 degrees; Pitch rotation: -30 degrees to +90 degrees

Horizontal control speed: 1-100 ° /s; Pitch control speed: 1-60 ° /s

Preset speed: Horizontal: 100 ° /s, Pitch: 60 ° /s

Multiple network protocols: supports ONVIF, GB/T28181, RTSP, RTMP protocols;

Support RTMP push mode, easily connect to streaming media servers (Wowza, FMS);

Support RTP multicast mode and network full command VISA control protocol

Encoding technology: H.264/H.265

Audio interface: 3.5mm Line In

Audio encoding formats: AAC, MP3, G711

Audio sampling frequency; Supports 8000, 16000, 32000, 44100, 48000

Power supply: AC110V-AC220V to DC12V/2A