

Smart IPTM



Supported



zoom



Google Meet



Microsoft Teams

skypeTM

CAM 4K-P912

USB - 4K (UHD) AUTOFRAME PTZ CAMERA



Product Specification

| | |
|----------------------|---|
| Video resolution | HDMI(optional):4KP60fps, 4KP29.97fps, 4KP25,1080P30,1080P29.29,1080P25 |
| Sensor | 1/2.5", CMOS, Effective Pixel: 8.5 M |
| Scanning Mode | Progressive Scan |
| Lens | 12x, f4.4mm ~ 52.8mm, F1.8 ~ F2.6 |
| Minimal Illumination | 0.5 Lux @ (F1.8, AGC ON) |
| Shutter | 1/30s ~ 1/10000s |
| White Balance | Automatic, indoor, outdoor, one-button, manual, specified color temperature |

Camera

| | |
|--------------------------------|-------------------------------|
| Backlight Compensation Support | |
| Digital Noise Reduction | 2D&3D Digital Noise Reduction |
| Signal-to-noise ratio | ≥55dB |
| Horizontal Angle of View | 71° ~ 8.2° |
| Vertical Angle of View | 42.7°~4.5° |
| Horizontal Rotation Range | ±170° |
| Vertical rotation range | -30° ~ +90° |
| Pan Speed Range | 1.7° ~ 100°/s |
| Tilt Speed Range | 1.7° ~ 69.9°/s |
| H & V Flip | Support |
| Image Freeze | Support |
| PoE power supply | Support |
| Humanoid tracking | Support (optional) |
| Number of Preset | 255 |
| Preset Accuracy | 0.1° |

USB features

| | |
|----------------------------------|--|
| Support operating system | Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android |
| Color space/ compression | YUY2 / MJPEG / H.264 / H.265 |
| Video format | YUY2: up to 1080p/30; H.264 AVC: up to 2160p/60; H.264 SVC: up to 2160p/60; MJPEG: up to 2160p/30; H.265: up to 2160/60; |
| USB audio | Support |
| USB video communication protocol | UVC 1.1~1.5 |
| UVC PTZ control | Support |

Network characteristics

| | |
|---------------------------------|--|
| Video coding standard | H.264 / H.265 / MJPEG |
| Video stream | The first stream, the second stream |
| Resolution of the first stream | 3840x2160, 1920x1080,1280x720, 1024x576 |
| Resolution of the second stream | 1920x1080,1280x720, 720x576, 720x480, 320x240 |
| Video bitrate | 32kbps ~ 102400kbps |
| Rate control | Variable bit rate, fixed bit rate |
| frequency | 50Hz: 1fps ~ 50fps,60Hz:1fps~60fps |
| Audio compression standard | AAC, G711A |
| Audio bit rate | 96Kbps, 128Kbps, 256Kbps |
| supporting agreement | TCP/IP, HTTP, RTSP, RTMP/RTMPS, Onvif, DHCP, SRT, GB/T28181, multicast, etc. |

INPUT/OUTPUT INTERFACE

| | |
|-------------------------|--|
| HD output | 1 channel, HDMI: version 2.0; |
| Network Interface | 1 channel, RJ45: 10M/100M/1000M adaptive Ethernet; support PoE power supply; |
| audio port | 1 channel, 3.5mm, Audio In; 1 way, Line Out; |
| USB interface | 1 way, Type-C socket, can output up to 4K@60fps compressed video and 1080P original video; |
| Communication Interface | 1 channel, RS232 In: 8-pin small DIN, maximum distance 30 meters, VISCA/Pelco-D/Pelco-P protocol; 1 channel, RS232 Out: 8-pin small DIN, maximum distance 30 meters, VISCA protocol networking; 1 channel, RS485: 2-pin Phoenix port, maximum distance: 1200 meters, VISCA/Pelco-D/Pelco-P protocol; |
| Power connector | JEITA type (DC IN 12V) |

GENERIC SPECIFICATION

| | |
|-----------------------|-----------------------|
| Input voltage | DC 12V/PoE (802.3af) |
| Input Current | 1.0A (max) |
| Operating temperature | -10 ~ 40°C |
| Stored temperature | -40 ~ 60°C |
| Power consumption | 12W (max) |
| size | 169mm x 142mm x 164mm |
| weight | 1.35Kg |

Smart IP CAM 4K-P912

USB - 4K AUTOFRAME PTZ CAMERA



Features

- Auto Frame**
The camera will auto Zooming by the participants movements
- Full-Featured USB**
Compatible with USB3.0 & USB2.0. supports audio, encoding output, UVC 1.1~1.5 protocols
- 4K Ultra HD**
Sony 1/2.5" UHD CMOS sensor 8.51 million pixels,resolution 4K (3840x2160)
- HDMI 1.4b (optional)**
Support HDMI 1.4, can directly output uncompressed 4K original video
- 71° wide-angle lens + 12x optical zoom (16x digital zoom)**
Real 8 million ultra-high resolution 4K lens, 12x optical zoom, horizontal FOV 71°
- Low illumination**
Image noise reduce CMOS sensor in low illumination conditions, 2D and 3D noise reduction algorithms, Image signal-to-noise ratio is above 55dB
- Support POE**
Support POE (Power Over Ethernet),to control, supply power, video & audio transmission through a network cable
- Remote control**
Multi way of control, using RS232 (RS485 optional) serial ports,internet and USB to control the camera
- H.264 Slice/ H.264 SVC encoding support**
Output H.264 stream supports Slice and SVC encoding modes, suitable for USB video conference
- Dual stream**
Supports two-channel code stream output(any two of YUY2, MJPEG, H.264) to reduce the pressure of host encoding and decoding
- Rich and complete interface**
Supported HDMI,USB3.0,RS232,RS485,4K video can be output at the same time.
- 2 ways of power supply**
12V Adapter and PoE power supply



Smart IP™

www.smartipworld.com

Distributor/Dealer

K3Sarkar
SOLUTION MATTERS

HO: Suite 605, Progressive Center, Shakra-e-Faisal, Karachi
+92-2134391683, +92-4235135388, +92-51-2252301