

ORION 4K CONFERENCE CAM 12X

Strider Labs ORION 4K CAM (12x)



The *NEW* Orion 4K conference cam (12x) features an ultra HD camera with superior performance that adopts an advanced ISP processing algorithm to provide a vivid image with evenly clear brightness, strong color layering, high resolution, and fantastic color rendition.

The Orion 4K conference cam (12x) is a professional grade Ultra HD camera suitable for not only video conference but also streaming from IP, HDMI, 3G-SDI & USB3.0 simultaneously. It is ideal for broadcast level AV solutions, video conferencing, and video surveillance application.

It is simple to operate and has no installation drive, compatible with all kinds of common video meeting software, such as Microsoft Teams, Cisco Webex, Zoom, BlueJeans, etc. The 4K Ultra HD camera is made for a high-quality Video meeting, Ultra high definition real-time synchronization screen, video image clear.

- **4K Ultra HD Image:** The Orion 4K (12x) camera adopts 1/2.5 inch, 8.51 MP sensor for ultra high definition and crisp video.
- **Multiple connectivity** IP, HDMI, 3G-SDI, USB 3.0 simultaneous video output.
- **POE & Auto Focus Technology** 12x Optical zoom + 2x digital zoom, 72.5° FOV with auto focus algorithm makes lens auto focus more quickly, accurately and stably
- **Multiple A/V Compression Standard** Support H.264/H.265 video compression, AAC, MP3 and G.711A audio compression.
- **Super precise motor positioning** 340°pan, 125° tilt, quiet & smooth mechanical movement, accurate & fast focus, to capture every details in whole space
- **Built-in gravity sensor:** Built-in gravity sensor, supporting PTZ auto-flip function and easy installation

DATA SHEET ORION 4K CAM

ARCHITECTURE

A professional grade UHD video camera for Video conferencing & streaming from IP, HDMI, 3G-SDI & USB3.0 simultaneously, very ideal for broadcast level AV solution, video conferencing and video surveillance application.

DIMENSION

- 220mm×173mm×117mm
- 32x30x31cm (package)

NET WEIGHT

- 1.25kg

ZOOM

- 12x Optical
- 2x Digital

COLOR

- Grey/ Black/ Silver/ White*

NETWORK INTERFACE

- Video: IP, HDMI, 3G-SDI, USB3.0
- Control: RS232, RJ45, RS485, USB3.0, USB2.0
- Power: DC12V
- POE: Supported

COMPRESSION

- MJPG/H264/YUY2

LANGUAGE

- English

POWER

- DC 12V

CAMERA

- 1/2.5 inch, 8MP SONY 4K CMOS sensor.
- Resolution 3840×2160
- S/N rate: >50db
- Min illumination: 0.01Lux
- Focus 4.2 - 50.4mm
- Min Focus Distance: 0.3m(W)-1m(T)
- Aperture- F 1.8-F 2.8

VIDEO ADJUSTMENT

- Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
- White Balance: Auto/ Manual/ Auto Tracking/ One Push/Indoor/Outdoor

FOCUS

- Auto / Manual/ One Push

VIEW ANGLE

- 6.3° (wide) - 72.5°(tele)

ENCODING

- Video: H.264/H.265
- Bit Rate Control: Variable Bit Rate, Constant Bit Rate
- Frame Rate: 50HZ:1fps~50fps
60HZ:1fps~60fps
- Protocol: TCP/IP, HTTP, RTSP, RTMP, DHCP, ONVIF, VISCA over IP (TCP&UDP)

OPERATING SYSTEM

- Windows 8 / Windows 7 / Windows 10/Windows XP etc

MECHANICAL

- Pan Rotation Angle: -170°~+170°
- Tilt Rotation Angle: -30° ~+90°
- Pan rotation speed: 0°~120°/sec
- Pan rotation speed: 0°~80°/sec
- Preset: 255 via RS232 control; 10 via remote controller

RECOMMENDED

CONDITIONS

- Temperature -10°~60°
- Best Shooting Temperature: 0°~50°

PRODUCT EXECUTION

STANDARD

- YD/T 993 1998
- GB/T 9254 2008
- GB 4843.1 2011

WARRANTY

- 1 year return or change for free

EMAIL

- support@striderlabs.net