

# ORION 4K CONFERENCE CAM 35X

Strider Labs ORION 4K CAM (35x)



The Orion 4K Conference Cam (35x) is an ultra HD camera with superior performance which adopts 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 (35x) is a professional grade Ultra HD camera suitable for not only video conference but also streaming from IP, & USB3.0 simultaneously. It is ideal for broadcast level AV solution, 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 high quality Video meeting, Ultra high definition real-time synchronization screen, video image clear.

- **4K Ultra HD Image:** The Orion 4K (35x) camera adopts 1/1.7 inch, 12 MP sensor for ultra high definition and crisp video.
- **POE & Auto Focus Technology** 35x lossless zoom, 60° FOV with autofocus 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** -170 to +170 degree pan rotation, -30° ~ +90° degree tilt rotation, quiet & smooth mechanism movement, accurate & fast focus.
- **Built-in gravity sensor:** Built-in gravity sensor, supporting PTZ auto-flip function and easy installation.

## ARCHITECTURE

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

## DIMENSION

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

## NET WEIGHT

1.29kg

## ZOOM

35x Optical Zoom

## COLOR

Black/ White\*

## NETWORK INTERFACE

Video: IP, USB3.0

Control: RS232, RJ45, RS485,  
USB3.0, USB2.0\*

POE: Supported

COMPRESSION

MJPEG/H264/YUY2

## LANGUAGE

English

## POWER

DC 12V, 2A

## CAMERA

1/1.7 inch, 12 MP SONY 4K CMOS sensor.

Resolution 3840×2160

S/N rate: >50db

Min illumination: 0.01Lux

Focal length 5.8 - 203mm

Min Focus Distance:

0.3m(W)-1.5m(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

2.02° (wide) - 60°(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

Tilt rotation speed: 0°~80°/sec

Preset: 128 via serial port; 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