

ORION 1080P VIDEO BAR



Strider Labs ORION VIDEO BAR

The **Orion Video Bar** is a video conference device integrated with 4 array microphones and HD wide-angle cameras. It supports High Definition audio and video calls and it is easy to deploy and operate, which is suitable for daily meetings, remote education, remote training and other application scenarios.

Video Conferencing, more clear and more real

The 1080P camera provides users with high quality online video meetings, high-definition real time synchronization, and clear and smooth video images. In addition, Array microphone algorithm can sample and process the spatial characteristics of the sound field.

It can remove the ambient background sound to the maximum extent, leaving only the required sound waves. The Orion Video Bar is compatible with various common video conference software, such as Microsoft Teams, Webex, Zoom etc.

Efficient deployment, easy to hold meetings

Orion Video Bar is based on Type C connection and you can start a meeting without complex wiring and configuration, just plug and play.

- **Array microphone algorithm:** Perfect control of environmental noise
- **HD conference voice:** High fidelity and high reduction voice; clearer and purer, like taking a face-to-face meeting
- **Perfect full-duplex:** More natural and smoother in two-way communication
- **New SIREN® audio processing algorithm:** 360 ° high coverage, long pickup, Upgrade full duplex technology, 384ms echo cancellation. Dynamic noise reduction
- **1080P HD camera:** 120° wide-angle FOV, clear and fluid picture
- **Mechanical adjustable lens:** The lens can be adjusted up and down with small range
- **Portable MIC and speaker:** No driver required, just plug and play, more suitable for various conference scenes

DATA SHEET ORION 1080pVIDEO BAR

ARCHITECTURE

- video parts including lens, image sensor, digital signal processing chip, USB interface controller.
- Omnidirectional microphone including broadband speakers, digital microphone, echo & noise suppression processing unit, audio signal processing and control unit, USB interface control unit

COLOR

- Black

NETWORK INTERFACE

- Mini Type C

MICROPHONE

- Omni microphones*4
- Frequency response: 100Hz-24000Hz
- Sensitivity:-22dB@1kHz(0dB=1V/Pa)

SPEAKER

- 3.94 inch anti-magnetic horn
- 4Ω5W
- 100-24000Hz

IMAGE TRANSFER RATE

- MJPG@30FPS
- YUV@5FPS

F-NUMBER

- F2.0

OBJECT DISTANCE

- 30CM~300CM

POWER

- DC Power interface
- 12V/2A@100~240VAC,50/60Hz

LENS

- 1/2.8, fixed focus, 120 degree Angle

IMAGE SENSE

- Full HD CMOS sensor

VIDEO

- 1080P (1920*1080 pixel)

COMPUTER SYSTEM

- Windows 8 / Windows 7 / Windows 10/Windows XP etc
- MAC 10.7 and above

FUNCTION

- Support computer software Audio & Video:
 - Skype for Business
 - Slack
 - Zoom
 - Microsoft Teams
 - Cisco Webex
 - BlueJeans
 - GoToMeeting
- HD Video Conference
- Microphone On/Off
- Volume Up/Down

AUDIO

- 384ms echo cancellation
- Dynamic noise reduction
- Full duplex
- 360 degree pick-up range
- DSP audio processing

CERTIFICATION

- CCC

CIRCLE INDICATOR

- Support real time communication audio for computer software
- HD video call
- Indicator light
- Blue/White: Working
- Red: Microphone and speaker are both mute.

RECOMMENDED CONDITIONS

- Temperature 5°~44°
- Humidity 25~85% condensation free
- Noise level: <48db
- Storage temperature -10°~40°
- Reverberation time:<0.5 seconds

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