

## Product Specifications

### Camera

- Sony super-low-light 2M pixel sensor, clear and natural imaging in low-light conditions
- Resolution: (16:9) 1920 x 1080, 1600 x 900, 1280 x 720, 960 x 540, 848 x 480, 800 x 448, 640 x 360, 424 x 240, 320 x 180; (4:3) 800 x 600, 640 x 480, 480 x 360, 320 x 240 at 60, 30, 15fps
- SmartFrame for automatic FOV adjustment to fit all participants
- Innovative Preset Framing: Follow presenter based on preset areas
- True WDR up to 120db: Superb backlight compensation technology for optimizing light balance in high-contrast conditions
- Zoom: 24X\* total zoom (12X optical zoom)
- Field of view(D/H/V):84.5°/76°/48°
- Lens focal length: 3.9 mm (wide) ~ 47.3 mm (tele)
- Lens F#: 1.8 (wide) ~ 2.8 (tele)
- Mirror, flip, AE, white balance: auto/manual override via PTZApp 2
- Minimum focus distance: 1.5 m
- Standard tripod screw holes and Kensington slot
- People-counting API: enterprises and third-party software providers can obtain people-counting data for better understanding of meeting-space usage

\*Please use PTZApp 2 to set up 24X zoom.

### Motorized Pan & Tilt Movement

- Pan: ±170°
- Tilt: +90° (up) -30° (down)
- 10 camera presets (via remote control)
- Fast and quiet pan/tilt movement

### Video Format

- YUV, YUY2, MJPEG, NV12
- Network video compression format: H.264, H.265
- Network protocol: RTSP, RTMP

### Connectivity

- 12V/2A power adaptor
- Mini DIN9 for RS232 in & out connection (VISCA control panel and camera daisy chain)
- USB 3.1 type-B connector
- IP (RJ45)

### USB

- 3.1 Gen1 Type B, backward compatible with USB 2.0
- UVC 1.1 (USB video), UVC1.5\*

\*UVC1.5 requires an additional firmware upgrade. Please contact technical support for more details.

### Control

- IR remote control
- VISCA/pelco P/pelco D via RS232 (128 preset points via VISCA command)
- Remote side: VISCA over IP, IP (RJ45)
- UVC/UAC plug and play
- WebUI: Browser IP access via Chrome (Does not support Internet Explorer)
- PTZApp 2

### Mount

- Camera wall-mount bracket included
- Optional foldable TV mount
- Optional ceiling mount

### System Requirement

- Windows® 7/10
- Windows® 10 Enterprise (IoT) LTSC (version 1809)
- MacOS X 10.7 or later
- Google Chromebook™ version 76.0.3809.136 or later

### Hardware Specs

- 3.2 GHz Intel® Core™ i5-4460 processor
- 4 GB RAM or more
- USB 3.1 port , backward compatible with USB2.0 port

### Web page browser requirement

- Chrome: version 76.x or above
- Firefox: version 69 or above
- IE: Not support

### Power Supply

- AC 100V ~ 240V, 50/60 Hz
- Consumption: 12V, 2A
- PoE+: 802.3at

### Free Applications for Meeting Collaboration (Windows® and Mac®)

**EZManager 2:** Camera Central Management software

- Remotely manage group FW/SW updates, camera control, and settings

### PTZApp 2

- Support Virtual Streaming function.\*
- Compatible with Skype for business far-end control
- Upgrade firmware automatically or manually
- Control camera
- Set parameters and adjust camera image
- Diagnose operating status
- View live video

### EZLive

- Real-time streaming / annotating / image capturing/ video recording

\* Only available in Windows PC. Doesn't support in MAC PC.

### Environmental Data

- Operation temperature: 0 ~ 40°C
- Operation humidity: 20% ~ 80%
- Storage temperature: -20 ~ 60°C
- Storage humidity: 20% ~ 80%

### Dimensions

- Package dimensions: 256 x 256 x 274 mm
- Package weight: 3.335 kg/7.35 lbs
- Camera: 182 x 142.7 x 153 mm/1.47 kg
- Remote control: 200 x 50 x 21 mm/0.09 kg

### Package Contents

- CAM520 Pro2 unit
- Remote control
- 5m, USB2.0 type-B to type-A cable
- Power adapter (10 ft/3 m)
- QR code card
- Wall-mount bracket
- ¼" tripod screw
- Mini DIN9 to mini DIN8 RS232 adapter

### Optional Accessories

- Mini DIN8 to D-SUB9 RS232 adapter
- Foldable TV mount
- Ceiling mount
- USB3.1 fiber extender 10m/20m/30m
- USB3.1, 3m type-B to type-A cable

### Warranty

- Camera: 3 years\*
- Accessories: 1 year

\*We offer an optional 2-year extended warranty in Europe. Please contact your local supplier for details.

### Compatible Applications

Zoom, Microsoft® Teams, Skype for Business, Skype, Google Meet, Intel® Unite™, RingCentral, BlueJeans, V-Cube, LiveOn, CyberLink U Meeting®, TrueConf, Adobe® Connect™, Cisco WebEx®, Fuze, GoToMeeting™, Vidyo, vMix, WebRTC, Wirecast, XSplit

\*\* Specifications may vary depending on countries and are subject to change without notice.



# AVer

# CAM520 Pro2

## Professional USB 3.1 Conferencing Camera for Mid-to-Large Rooms



## Product Appearance

Front



H182 x W142.7 x D153 mm

Back



USB 3.1 type-B

RS232 in/out

LAN for IP streaming and Power over Ethernet (PoE)  
DC 12V

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Distributor/Dealer

202108





## Intelligently Present Every Detail

The CAM520 Pro2 is an industry-leading conferencing camera. Its 24X\* total zoom, upgraded AVer SmartFrame, Preset Framing, Sony True WDR, IP video streaming, and a PoE port take your video conferencing experience to the next level!

\*Please use PTZApp 2 to set up 24X zoom.



Full HD 1080p



24X\* total Zoom



Auto Framing

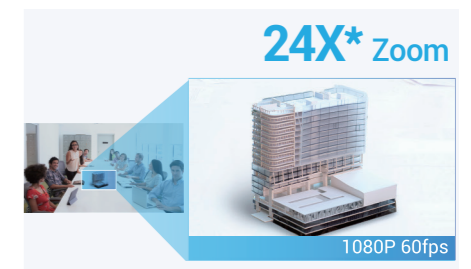


Enterprise-Grade Imaging

### Present Every Detail with an 24X\* Total Zoom

Claim your advanced business benefits by presenting products in ultimate clarity and showing full details with an 24X\* total zoom. The CAM520 Pro2 provides smoother video imaging than ever with up to 1080p, 60fps quality. Zoom in tightly on every facet of your products to win more business!

\*Please use PTZApp 2 to set up 24X zoom.



### Hold Efficient and Safe Meetings with Upgraded AVer SmartFrame

Keep meetings efficient and safe with AVer's upgraded SmartFrame. This function uses next-generation facial and body detection to automatically frame people who are wearing masks or presenting any facial profile from up to 7~10 meters away!

Smartly track presenters through preset areas by adding a CAM520 Pro2 and its Preset Framing mode. You can set multiple preset viewing areas that the camera will automatically follow presenters through. There's no need for a remote control!



### Access Video Calls Without the Hassle of Connecting a USB Cable!

AVer Virtual Streaming technology makes the CAM520 Pro2 available as a camera video source for virtual meetings via a single Ethernet connection. Also, a PoE+ port simplifies set up and reduces installation costs.

\* Only available in Windows PC. Doesn't support in MAC PC.



### Share Live Video Online Anytime with IP Streaming

Livestream on YouTube or Facebook! Easily create live video content with the CAM520 Pro2 by using an RTSP/RTMP stream to your cloud base or on-premise streaming delivery network.

