

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: 18X 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 PTZApp2
- 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

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
- 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 (USB video class) 1.1

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 29.0.1547.70

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

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

Distributor/Dealer

AVer

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Intelligently Present Every Detail

The CAM520 Pro2 is an industry-leading conferencing camera. Its 18X 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!



Full HD 1080p



18X total Zoom



Auto Framing



Enterprise-Grade Imaging

Present Every Detail with an 18X Total Zoom

Claim your advanced business benefits by presenting products in ultimate clarity and showing full details with an 18X 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!



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 H.264 RTSP/RTMP stream to your cloud base or on-premise streaming delivery network.

