

CAM520 Pro

# See every detail crystal clear

Professional conferencing camera for mid-to-large rooms



## 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
- True WDR up to 120db: Superb backlight compensation technology for optimizing light balance in high-contrast conditions
- Zoom: 18X total zoom (12X optical zoom)
- Wide field of view (DFOV): 82°
- 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
- Minimum focus distance: 1.5 m
- Standard tripod screw holes and Kensington slot

## 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

## HDMI & PoE\*\*

- HDMI 1.3: Up to 1080p 60fps
- DIP Switch
- PoE+: 802.3at

\*\* There are two SKUs for CAM520 Pro: CAM520 Pro and CAM520 Pro(PoE). HDMI & PoE functions are only included for the CAM520 Pro(PoE) SKU. Please contact your local agents to get these features.

## 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)
- HDMI \*\*

\*\* Only available for CAM520 Pro(PoE) SKU

## 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)
- OSD setting: HDMI out to TV monitor\*\*
- PTZApp

\*\* Only available for CAM520 Pro(PoE) SKU

## Mount

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

## System Requirements

- Windows® 7/10
- Windows® 10 Enterprise (IoT) LTSC (version 1809)
- Mac OS X 10.7 or higher
- Google Chromebook™ version 29.0.1547.70
- Android 5 or higher

## 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

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

### EZManager Camera Central Management software

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

### PTZApp

- 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

## Environmental Data

- Operation temperature: 0°C ~ 40°C
- Operation humidity: 20% ~ 80%
- Storage temperature: -20°C ~ 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 Pro unit
- Remote control
- USB 3.1 type-B to type-A cable (10 ft/3 m)
- Power adapter (10 ft/3 m)
- Quick-start guide
- Warranty card
- Wall-mount bracket
- ¼" tripod screw
- HDMI cable\*\* (10 ft/3 m)
- Mini Din9 to RS232 adapter\*\*

\*\* Only available for CAM520 Pro(PoE) SKU

## Optional Accessories

- Mini DIN9 to RS232 adapter
- Foldable TV mount

## Warranty\*\*

- Camera: 3+2 years (not available in US, JP, and certain other areas)
- Accessories: 1 year




\*\* Please register online to receive a free 2-year warranty extension. For detailed warranty information, please contact an AVer representative.

## Compatible Applications

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

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

## Hardware Specifications

Front Panel	Back Panel	
 <p>H182 x W142.7 x D153 mm</p>	<p><b>CAM520 Pro</b></p>  <p>USB 3.1 type-B RS232 in/out LAN for IP streaming/ remote access DC 12V</p>	<p><b>CAM520 Pro(PoE)</b></p>  <p>DIP switch HDMI out USB 3.1 type-B LAN for IP streaming and Power over Ethernet (PoE) DC 12V RS232 in/out</p>



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