CAM520 Pro3

Masterful Navigating and Presenting

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

ZOOM Certified

Certified for Microsoft Teams

Compatible with ClickShare BARCO

Extron IP LINK CERTIFIED

12X ZOOM LENS

AVer

Camera

- Sony super-low-light 8M pixel sensor, clear and natural imaging in low-light conditions, providing ultra FHD image quality
- Resolution: (16:9) 1920 x 1080, 1280 x720 at 60, 30, 15fps; 1600 x 900, 960 x 540, 848 x 480, 800 x 448, 640 x 360, 424 x240, 320 x 180 at 30, 15fps; (4:3) 1280 x 960, 800 x 600, 640 x 480, 480 x 360, 320 x 240 at 30,15fps
- SmartFrame for automatic FOV adjustment to fit all participants
- Smart Composition function offers great visibility for individual participant in the meeting room
- Innovative Preset Framing: Follow presenter based on preset areas
- WDR: Superb backlight compensation technology for optimizing light balance in high-contrast conditions
- Zoom: 36X* total zoom (12X optical zoom)
- Field of view(D/H/V): 80.5°/72.8°/44.1°
- Lens focal length: 3.9 mm (wide) ~ 46.8 mm (tele)
- Lens F#: 1.6 (wide) ~ 2.8 (tele)
- Mirror, flip, AE, white balance: auto/manual override via PTZApp 2
- Minimum focus distance: 1 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 36X 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
- 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
- IP (RJ45)
- HDMI 1.4

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 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® 7/10/11
- Mac OS X 10.14 or later
- Google Chromebox 3 version 94.0.4606.114 or later

PC Hardware Requirement

- 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.
- Smart gallery*/ Virtual USB streaming/ Preset Link
- Upgrade firmware automatically or manually
- Control camera
- Set parameters and adjust camera image
- Diagnose operating status
- View live video

  Will be supported in future update

EZLive
- Annotating / Image capturing / Video recording

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 Pro3 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
- USB3.1, 3m type-B to type-A cable
- HDMI Cable
- Ceiling mount
- 1-Port POE+ Injector
- Foldable TV mount

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, Int el® 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.

Front Panel

Status light

H182 x W142.7 x D153 mm

Back Panel

HDMI out
USB 3.1 type-B
RS232 in/out
LAN for IP streaming and POE+
DC 12V