![AVer logo]

CAM520 Pro2
Intelligently Present Every Detail

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
· Smart Gallery* function offers great visibility for individual participant in the meeting room
· 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 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

* Please use PTZApp 2 to set up Smart Gallery and 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 Requirements

· Windows® 7/10/11
· Mac OS X 14.4 or later
· Google Chromebox 3 version 94.0.4606.114 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
· Smart gallery/ Virtual USB streaming/ Preset Link
· 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°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 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.

Product Overview

Front Panel

H182 x W142.7 x D153 mm

Back Panel

USB 3.1 type-B

RS232 in/out

LAN for IP streaming and Power over Ethernet (PoE)

DC 12V