AVer CAM520 Pro3 tender specification

* Special features are marked in blue
* Specifications may vary depending on countries and are subject to change without notice.

Camera features:

1. Use Sony super-low-light 8Mega pixel sensor, clear and natural imaging in low-light conditions, providing ultra FHD image quality
2. Support Field of view(D/H/V): 84°/ 76°/ 47°
3. Support lens focal length: 3.9 mm (wide) ~ 46.8 mm (tele)
4. Support Lens F#: 1.6 (wide) ~ 2.8 (tele)
5. Support Smart Frame for automatic FOV adjustment to fit all participants.
6. Support Smart Composition for great visibility for individual participant in the meeting room, automatically frame and divide participants* to individual grids without applying software. (*up to 6 participants divided in the frame)
7. Support Innovative Preset Framing to follow presenter based on preset areas.
8. Support WDR (Superb backlight compensation technology for optimizing light balance in high-contrast conditions)
9. Support 36X* total zoom (12X optical zoom)
10. Support Pan: ±170°. Tilt: +90° (up) -30° (down)
11. Support Image Mirror, Flip, White Balance (auto/manual/ATW override via AVer PTZ App2)
12. Support minimum focus distance is 1m.
13. Support 10 camera presets (through remote control); 128 presets via VISCA
14. Support People-counting API for enterprises and third-party software providers can obtain people-counting data for better understanding of meeting-space usage.
15. Support standard tripod screw holes and Kensington slot.
16. Support 3-way (USB, HDMI, IP) streaming concurrently
17. Support Audio tracking for Integration with 3rd party ceiling microphone (Shure/Sennheiser/Yamaha/Nuvera) via AVer Preset Link function**

    *Please use PTZApp 2 to set up 36X zoom.
    **Please download PTZApp 2 to set up Smart gallery, virtual streaming and Preset Link

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functionality. For smart gallery and IP virtual streaming, it is required to keep running PTZApp2 on the computer.

Video features:

1. Support video compression format of H.264, H.265, YUV, MJPEG
2. Support network video compression format of H.264, H.265
3. Support the below 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
4. Support IP streaming resolution (Not for USB video stream): 1080p, 720p, 480p and 360p.
5. Support bit rate: 512Kbps, 1Mbps, 2Mbps, 4Mbps, 8Mbps, 16Mbps and 32Mbps.

Network features:

1. Support the network protocol: RTSP, RTMP
2. Support 10/100/1000 Mbps. (LAN, RJ45 interface)
3. Support VISCA over IP.
4. Support remote management via AVer EZ Manager 2 software.
5. Support real-time streaming via AVer EZ Live software.
6. Support DHCP / Static IP address setting.
7. Support NTP Server.

Security:

1. Support password protection.
2. Support SSL certificate import.

General features:

1. Support IR remote control.
2. Support 3rd party integration: VISCA, Pelco-P, Pelco-D via RS232 (128 preset points via VISCA command)
3. Support VISCA over IP.
4. Support standard UVC plug-and-play.
5. Support Web UI management browser IP access via Chrome (Does not support Internet Explorer).
6. Support basic camera settings adjustment via AVer PTZApp2.
7. Support camera wall-mount bracket method.
8. Support TV mount method. (Optional)
9. Support ceiling mount method. (Optional)

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10. Support remote management via AVer EZ Manager 2 software.
11. Support real-time streaming via AVer EZ Live software.
12. Support Virtual Streaming via PTZApp2.

System Requirements: (For PC)

1. Support Windows® 7/ 10/ 11.
2. Windows® 10 Enterprise(IoT)LTSC(version 1809)
3. Support Mac OS X 14.4 or later.
4. Support Google Chromebook 3 version 94.0.4606.114 or later.
5. Support 3.2 GHz Intel® Core™ i5-4460 Processor or higher
6. Support 8 GB RAM or more (ex: 16 GB RAM)
7. Support USB 3.1 port, backward compatible with USB 2.0 port

System Requirements: (For web management)

1. Support Chrome: version 76.x or above.
2. Support Firefox: version 69 or above.
3. Not support IE browser

Compatible Applications:

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

Certification:

1. ZOOM certified
2. FCC/ CE/ BSMI/ KC/ VCCI certified
    .

Dimensions:

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

Power Supply:

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1. AC 100V ~ 240V, 50/ 60 Hz
2. Consumption: 12V, 2A

Environment Data:

1. Operation temperature: 0°C ~ 40°C
2. Operation humidity: 20% ~ 80%
3. Storage temperature: -20°C ~ 60°C
4. Storage humidity: 20% ~ 80%

Package Contents:

1. CAM520 Pro3 unit.
2. Remote Control
3. Power adapter
4. Power cord (10 ft/ 3 m)
5. USB 2.0 Type-B to Type-A cable (16.5 ft/ 5 m)
6. QR code card
7. Wall-mount bracket
8. ¼" tripod screw
9. Mini DIN9 to mini DIN8 RS232 adapter

Optional Accessories:

1. Mini DIN8 to D-SUB9 RS232 adapter
2. Foldable TV mount
3. Ceiling Mount
4. USB3.1 type-B to type-A cable 3m
5. USB3.1 fiber extender 10m/ 20m/ 30m
6. 1-port POE+ injector
7. HDMI Cable

Warranty:

1. AVer provide standard 3 years warranty. (Accessories for 1 year warranty.)

Please visit AVer Global Web Site at: http://www.aver.com/default.aspx