VC520 Pro
A Lifelike Audiovisual Experience

Professional conferencing system for mid-to-large rooms

AVer

12X ZOOM LENS

AVer

Camera

- Sony super-low-light 2M pixel sensor for 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 (through remote control)
- Fast and quiet pan & tilt movement

Video Format

- YUV, MJPEG, H.264
- Network video compression format: H.264
- Network protocols: RTSP, RTMP

Speakerphone

- Full duplex microphone array with echo cancellation
- Advanced noise suppression
- Dual-microphone array
- 3.5 mm phone-in jack
- 3.5 mm line out
- Speaker: 6W, Adjustable to 90dB SPL at 0.5 m
- Microphone: 360° and 6 m Diameter audio Pickup Range
- Touch controls for volume down/up, mute, phone Input (Microsoft Teams SKU w/o this function), call, hang-up, and , Teams button*
- Bridge phone-in and USB into one call
- Security: Kensington slot
- 40 m range via AVer expansion devices

*Only available for the VC520 Pro Microsoft Teams edition

Audio Format

- AAC-LC
- Network protocol: RTSP, RTMP

LAN

- 10/100/1000 Mbps

Connectivity

- 12V/5A power adaptor
- Mini DIN9 for RS232 in & out connection (VISCA control panel and camera daisy-chain)
- USB 3.1 Type-B connector(A third-party USB repeater or extender function can be used to extend connectivity over 20 m)
- IP (RJ45)

USB

- 3.1 Gen 1 Type-B, backward compatible with USB 2.0
- UVC (USB video class) 1.1
- UAC (USB audio class) 1.0

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

Mount

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

System Requirements

- Windows® 7/10
- Mac OS X 10.13 or higher
- Google Chromebook version 76.0.3809.102 or later
- Android 6 or higher

Hardware Specs

- 3.2 GHz Intel® Core™ i5-4460 Processor or higher
- 4 GB RAM or more
- USB 3.1 port, backward compatible with USB 2.0 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, 5A

Free Applications for Meeting Collaboration (Windows® and Mac)

EZManager: Camera Central Management software
- Remotely group FW/SW upgrades, control the camera, and configure settings

PTZApp
- Upgrade firmware automatically or manually
- Control camera
- Set parameters and adjust camera image
- Diagnose operating status
- View live video

EZLive
- Real-time streaming / annotating / snapshots / 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: 259 x 259 x 349 mm*
- Package weight: 5.4 kg*
- Camera: 142.7 x 153 x 182 mm/1.45 kg
- Speakerphone: 220 x 181.5 x 49.5 mm/0.85 kg
- Remote control: 200 x 50 x 21 mm/0.09 kg

*VC520 Pro Microsoft Teams edition
 Package dimensions: 348 x 251 x 308 mm
 Package weight: 6.7kg

Package Contents

- VC520 Pro Camera
- VC520 Pro Speakerphone
- Remote control
- Power adapter
- Power cord (6 ft/1.8 m)
- USB 3.1 Type-B to Type-A cable (10 ft/3 m)
- CATE6 speakerphone cable (33 ft/10 m)
- 3.5 mm aux cable (3 ft/0.9 m)
- Quick-start guide
- Warranty card
- Wall-mount bracket
- ¼" tripod screw
- 2 Expansion Microphone and 5 m Cable*

*Only available for the VC520 Pro Microsoft Teams edition

Optional Accessories

- Mini DIN9 to RS232 adapter
- Expansion Speakerphone
- Expansion Microphone
- Foldable TV mount

Warranty*

- Camera / Speakerphone: 3+2 years (not available in US, JP, and certainother 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 Meet, Intel® Unite™, RingCentral, BlueJeans, V-Cube, LiveOn, CyberLink U Meeting®, TrueConf, Vidyo, Adobe® Connect™, Cisco Webex®, Fuze, GoToMeeting™, Microsoft® Lync™, vMix, WebRTC, Wirecast, XSplit

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

Hardware Specifications

Front Panel

H182 x W142.7 x D153 mm

Back Panel

Available with VC520 Pro Speakerphone set

USB 3.1 Type-B

RS232 in/out

DC12V

LAN for IP streaming/ remote access

Speakerpone

Standard edition

Microsoft Teams edition

Daisy-chain up to 3 speakerphones or 4 microphones

Phone in

Available with VC520 Pro camera set

Line out

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