

## Product Specifications

### 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 x 720 at 60, 30, 15fps; 1600 x 900, 960 x 540, 848 x 480, 800 x 448, 640 x 360, 424 x 240, 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 the individual participant in the meeting room.
- Innovative Preset Framing: Follow the 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, white balance: Auto/manual override via PTZApp 2
- Minimum focus distance: 1m
- Standard tripod screw holes and Kensington slot.
- People-counting API: Enterprises and third-party software providers can obtain people-counting data for a better understanding of meeting space usage.

\*Please use PTZApp 2 to set up 36X zoom.

### Speakerphone

- Echo cancellation
- Advanced noise suppression
- Dual-omnidirectional microphone
- 3.5 mm phone-in jack
- 3.5 mm line out
- Speaker: 6W, Adjustable to 90dB SPL at 0.5 m
- Touch controls for volume down/up, mute, phone input call, hang-up
- Bridge phone-in and USB into one call
- Security: Kensington slot

### 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

### Video Format

- YUV, YUY2, MJPEG
- Network video compression format: H.264
- Network protocol: RTSP, RTMP

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

## Hardware Specifications

### CAMERA BACK PANEL



- 1 LAN for IP streaming /remote access
- 2 HDMI Output Port (to TV)
- 3 RS-232 In/Out Port
- 4 USB3.1 Type-B Port
- 5 Speakerphone Port (Blue cable)
- 6 DC 12V Power Jack

### SPEAKERPHONE BACK PANEL



- 1 Speakerphone Port (Red Cable, for extended speakerphone and microphone connection)
- 2 Phone In Port
- 3 Line Out Port
- 4 Camera Port (Blue Cable)
- 5 Kensington Lock

### SPEAKERPHONE



- 1 Mute/Unmute
- 2 Phone input
- 3 Make/Answer call
- 4 Volume up
- 5 LED status indicator
- 6 Volume down
- 7 Hang up call

### Motorized Pan & Tilt Movement

- Pan: ±170°
- Tilt: +90° (up) -30° (down)
- 10 camera presets (via remote control)
- Fast and quiet pan / tilt movement

### 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
- IP (RJ45)
- HDMI out

\*An RJ45 port is provided for Speakerphone connectivity. If you encounter any issues with this, please do not hesitate to get in contact with our tech support team.

### 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

### Mount

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

### System Requirements

- Windows® 7/10/11
- Mac OS X 10.4 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

### 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: 5.805 kg
- Camera: 150 x 153 x 182 mm/1.53 kg
- Speakerphone: 220 x 181.5 x 49.5 mm/0.85 kg
- Remote control: 200 x 50 x 21 mm/0.09 kg

### Optional Accessories

- Mini DIN8 to D-SUB9 RS232 adapter
- Expansion Speakerphone
- Expansion Microphone
- Foldable TV mount
- USB3.1 fiber extender 10m
- USB3.1 type-B to type-A cable 3m
- Ceiling mount

### 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 2: Camera Central Management Software
  - Remotely manage group FW/SW updates, camera control, and settings.

### PTZApp 2: Camera Settings Software

- Smart Gallery\*
- 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

\*Will be supported in future update

### Package Contents

- VC520 Pro3 Camera
- VC520 Pro3 Speakerphone
- Remote control
- Power adaptor
- Power cord (6 ft/1.8 m)
- USB2.0 type-B to type-A cable (16.5 ft/5 m)
- Camera to Speakerphone Cable (33ft/ 10m)
- 3.5 mm aux cable (3 ft/0.9 m)
- QR code card
- Wall-mount bracket
- ¼" Tripod screw

### Warranty

- Camera / Speakerphone: 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.

### Audio Format

- AAC-LC
- Network protocol: RTSP, RTMP



**PRESENT WITH  
REALISTIC IMAGERY  
AND VIVID AUDIO**

## AVer VC520 Pro3

Professional camera and speakerphone for mid-to-large room meeting



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The VC520 Pro3 stands out as an advanced conferencing system. It boasts a 36X total zoom PTZ camera, enhanced AVer SmartFrame, Preset Framing, and a Sony WDR sensor. Additionally, the VC520 Pro3 offers 3-way outputs, including HDMI connectivity, for a wider range of streaming options and a superior video and audio experience. But what truly sets the VC520 Pro3 apart is its Smart Composition feature, an embedded AI function designed to swiftly capture high-quality closeup images of meeting participants. And with an extended speakerphone solution, the VC520 Pro3 delivers an exceptional video conferencing experience.



### Dominate the Details with 36X\* Total Zoom Lens and WDR Sensor

Host flawless meetings with the VC520 Pro3's PTZ lens that offers, boasting an expansive 80.5° diagonal field of view for capturing wide shots and offering versatile pan and tilt controls for focusing on presenters, attendees, whiteboard content, or physical objects. Harness precision with a 12X optical lens and a remarkable 36X\* total zoom, including a 24X lossless zoom for exceptional clarity in remote communication. Plus, the Sony WDR sensor ensures adapt to diverse lighting conditions, making the VC520 Pro3 the perfect conferencing camera for mid-to-large rooms.

\*Use PTZApp 2 to set up 36X zoom



### Accurate Attendee Capture with AVer Smart Composition – No Installation Required

The VC520 Pro3 is one of the first PTZ camera and audio systems on the market to offer a Smart Composition feature – technology usually only found in enterprise-grade devices. Smart Composition uses AI algorithms to automatically frame each participant's face or body perfectly. It's a click-to-play feature with no software setup needed. Seamlessly transition between headshots and half-body views, effortlessly switching from individual to group images. With the VC520 Pro3, you'll enjoy high-definition views of participants and easy meeting setups for optimal productivity.



### HDMI Empowers Dual Display and 3-Way Output for Audiovisual Versatility

The VC520 Pro3 facilitates simultaneous 1080p/60fps presentations through HDMI and USB 3.1 streaming or RTSP/RTMP H.264 broadcasting. This connectivity enables the use of a second display or lecture recording system during virtual meetings, resulting in seamless hybrid meeting experiences for your business.



### Support Video and Audio with One USB Cable Solution

Setting up the VC520 Pro3 is simple. Plugging a single USB cable into your computer is all it takes to get ready for a call, which saves time and helps you maintain an uncluttered meeting space. Simplify your setup and reduce installation costs with the VC520 Pro3.



### Exceptional Audio Quality with an Extended Speakerphone

The VC520 Pro3 delivers a consistent and well-balanced audio performance. Also, it accommodates either two expansion speakerphones or a full-duplex microphone set. This innovative speakerphone feature makes the VC520 Pro3 the ideal choice for mid-to-large conference rooms.



\*Note: Expansion speakerphones and microphones cannot be added together.  
\*Note: The standard speakerphone cannot be applied as an expansion speakerphone.



Full HD 1080p



One USB Cable



Smart Composition



Present Every Detail



Offer Multiple Audiovisual Options



Speakerphone Extension Solutions