

VC520 Pro

# A Lifelike Audiovisual Experience

Professional conferencing system for mid-to-large rooms



## 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 volume: Adjustable to 90dB SPL at 0.5 m
- Microphone frequency response: 120Hz–16kHz
- Microphone sensitivity: -34± 2 dBV @1KHz, 94dB SPL
- Microphone distortion: < 1% from 150Hz
- Microphone support range: Diameter 6M
- Touch controls for volume down/up, mute, phone input, call, and hang-up
- Bridge phone-in and USB into one call
- Security: Kensington slot

## 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
- 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: 20 x 181.5 x 49.5 mm/0.85 kg
- Remote control: 200 x 50 x 21 mm/0.09 kg

## 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

## 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 certain other 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 Hangouts meet, Intel® Unite™, RingCentral, BlueJeans, V-Cube, LiveOn, CyberLink U Meeting®, TrueConf, Adobe® Connect™, Cisco Webex®, Fuze, GoToMeeting™, Microsoft® Lync™, Vido, vMix, WebRTC, Wirecast, XSplit

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

## Hardware Specifications

Front Panel	Back Panel
 <p>H182 x W142.7 x D153 mm</p>	 <p>Available with VC520 Pro Speakerphone set USB 3.1 Type-B</p> <p>RS232 in/out</p> <p>DC12V</p> <p>LAN for IP streaming/remote access</p> <p>Phone in</p> <p>Daisy-chain up to 3 speakerphones or 4 microphones</p> <p>Available with VC520 Pro camera set Line out</p>



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