

## Product Specifications

### 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
- 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: 18X 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 PTZApp 2
- 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

### 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
- Touch controls for volume down/up, mute, phone input, call, and 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, NV12
- Network video compression format: H.264
- Network protocols: RTSP, RTMP

### Audio Format

- AAC-LC
- Network protocol: RTSP, RTMP

### 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)

### 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
- Mac OS X 10.7 or higher
- Google Chromebook™ version 29.0.1547.70 or later
- Windows® 10 Enterprise (IoT) LTSC (version 1809)

### 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

### 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

### Optional Accessories

- Mini DIN8 to D-SUB9 RS232 adapter
- Expansion Speakerphone
- Expansion Microphone
- Foldable TV mount
- USB3.1 fiber extender 10m/20m/30m
- 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 group FW/SW upgrades, control the camera, and configure settings

### PTZApp 2

- 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

### Package Contents

- VC520 Pro2 Camera
- VC520 Pro2 Speakerphone
- Remote control
- Power adapter
- 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

### 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

### CAMERA FRONT PANEL



### CAMERA BACK PANEL



Available with VC520 Pro2 Speakerphone set  
 RS232 in/out  
 USB 3.1 Type-B  
 DC 12V  
 LAN for IP steaming/remote access

### SPEAKERPHONE BACK PANEL



Daisy-chain up to 3 speakerphones or 4 microphones  
 Phone in  
 Line out  
 Available with VC520 Pro2 camera set



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Distributor/Dealer



# VC520 Pro2

Professional Conferencing System  
 for Mid-to-Large Rooms





# Smart Presenting With A Lifelike Audiovisual Experience

The VC520 Pro2 is an expert-level conferencing system. Equipped with an 18X total zoom, advanced AVer SmartFrame, IP video streaming, single USB installation, and an extended speakerphone solution, the VC520 Pro2 brings you an extraordinary video conferencing experience.



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

## Get Perfect Audio with an Extended Speakerphone

The VC520 Pro2 offers balanced and steady audio performance. As the first conferencing system in the industry to deliver a daisy-chain function, the VC520 Pro2 supports either up to two expansion speakerphones or a full duplex microphone array. The inventive speakerphone makes the VC520 Pro2 a flexible option for fit mid-to-large conference rooms.

## Support Video and Audio with One USB Cable

Installing the VC520 Pro2 is super easy. All you need to get set up for a call is a single USB cable. This direct connection not only saves time but also keeps your meeting table tidy and organized. Simplify your setup process and decrease installation costs with the VC520 Pro2.



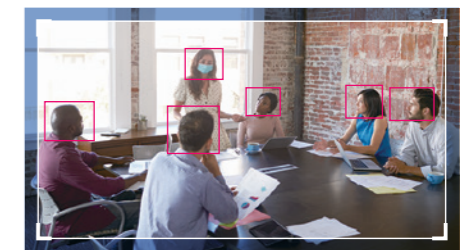
## Spot Every Detail with an 18X Total Zoom

Present products in extreme clarity and demonstrate every detail with an 18X total zoom. The VC520 Pro2 also maximizes team collaboration with smoother video imaging than ever at up to 1080p, 60fps quality.



## Improve Meeting Safety & Efficiency with SmartFrame

AVer developed an advanced SmartFrame function that conforms to the latest trends. Equipped with this upgraded auto-framing feature, the VC520 Pro2 can detect and frame meeting participants even when they wear masks or present facial profiles from up to 7 meters away. The VC520 Pro2 cuts through triviality and greatly improves conferencing efficiency.



## Livestream Videos Anytime, Anywhere

Share your real-time happenings to viewers over the internet. With H.264 RTSP/RTMP support, the VC520 Pro2 offers stable livestreaming to your favorite channel in 1080p at 60pfs. Deliver first-hand information to your audience and address the latest news whenever and wherever you like.



Full HD 1080p



One USB Cable



Every Detail



Improved Safety & Efficiency



Speakerphone Extension Solutions