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 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
- 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 (Microsoft Teams SKU w/o this function), call, hang-up, and Teams button*
- Bridge phone-in and USB into one call
- Security: Kensington slot

** Only available for the VC520 Pro3 Microsoft Teams edition.*

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

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 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
- 2 Expansion microphones and 5 m Cable*

**Only available on Microsoft Teams Edition.*

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

* 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

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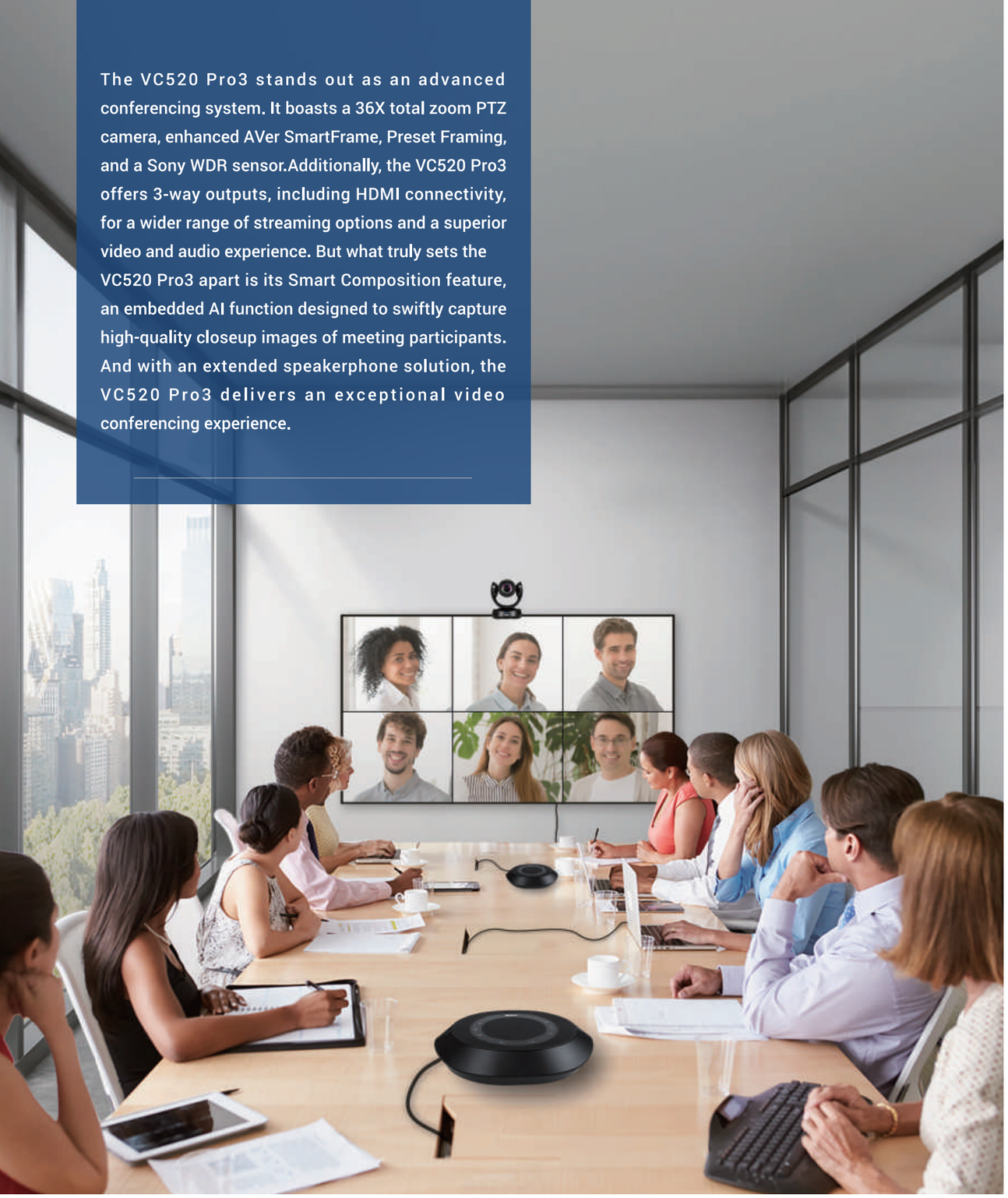
PRESENT WITH REALISTIC IMAGERY AND VIVID AUDIO



AVer **VC520 Pro3**

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

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.



1080P Full HD — Full HD 1080p

One USB Cable

Smart Composition

36X + TOTAL — Present Every Detail

3 Outputs — Offer Multiple Audiovisual Options

Speakerphone Extension Solutions

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.