VC520 Pro3

BYOD GOAT
GREATEST OF ALL TIME

Enterprise Grade Conference System for Mid-to-Large Rooms

The VC520 Pro3 is an advanced video conferencing system, featuring a 36X* total zoom PTZ camera, enhanced AVer SmartFrame, Preset Framing, and a Sony WDR sensor. In addition, it provides 3-way outputs, including HDMI connectivity, expanding the scope of streaming options and elevating the overall video and audio experience. What distinguishes the VC520 Pro3 is the connectivity through a single USB cable, making the installation process simple and a perfect option for BYOD or dedicated PC scenarios. The VC520 Pro3 Smart Composition feature – an embedded AI function – captures high-quality closeup images of meeting participants. Coupled with an extended speakerphone solution, the VC520 Pro3 ensures an unparalleled video conferencing experience.

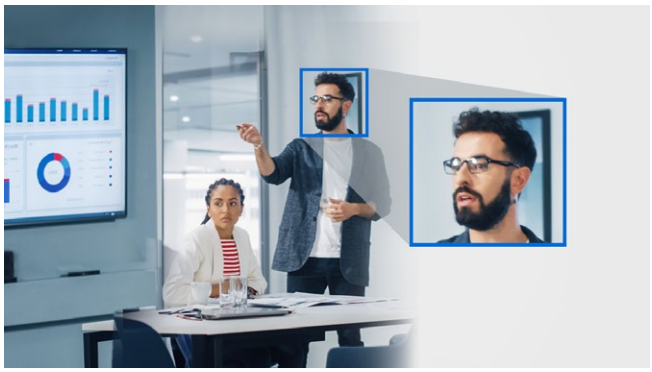
Achieve Seamless Audio and Video Connectivity Through a Single USB Cable

Facilitating simplicity in setup, the VC520 Pro3 is ideal for Bring Your Own Device (BYOD) or dedicated PC scenarios. Connect a single USB cable to your computer, and you're all set for your call. This not only saves time but also contributes to maintaining a tidy meeting space. Streamline your setup and cut down on installation costs with the VC520 Pro3.

Capture Every Detail and Master Your Presentations with a 36X Total Zoom Lens

Enhance your meetings with the VC520 Pro3 Full HD PTZ Lens. Its 80° diagonal field of view enables wide shots, and flexible pan and tilt controls allow focus on presenters, attendees, whiteboard content, or physical objects. Ensure precision with a 12X optical lens and a 36X* total zoom, reaching up to 70 feet without distortion. Moreover, the VC520 Pro3 boasts 24X lossless zoom for exceptional clarity in remote meetings, making it the ultimate video conferencing system for medium to large rooms.

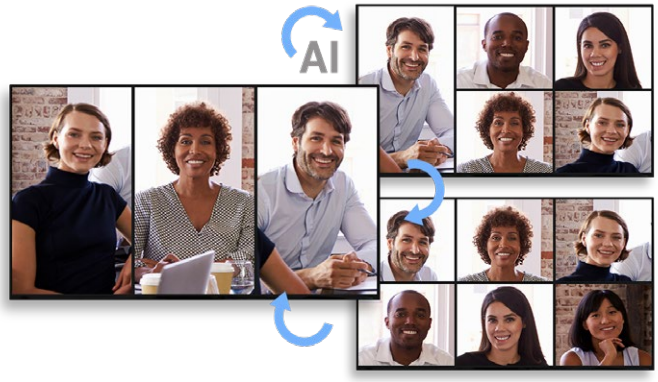
**Use PTZApp 2 to set up 36X zoom*



Efficiently Capture Attendees in Flexible Layouts with AVer Smart Composition

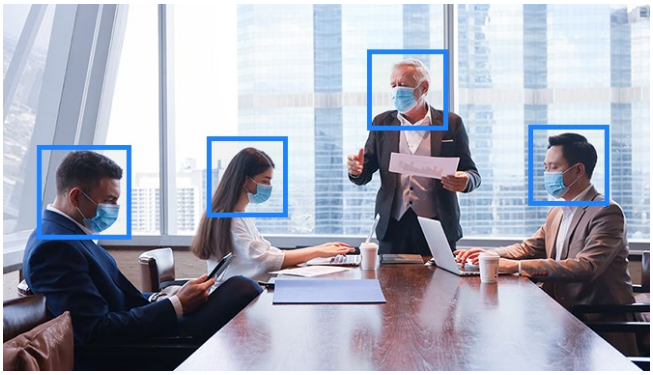
The VC520 Pro3 sets a new standard in the video conferencing industry by incorporating Smart Composition*, a feature usually exclusive to high-end devices. Smart Composition employs an AI algorithm to autonomously frame each participant's face or body perfectly. This user-friendly click-to-play functionality eliminates the need for software setup. Effortlessly transition between headshots and half-body views, enabling seamless shifts from individual to group visuals. Experience high-definition participant views with the VC520 Pro3, streamlining meeting setups for optimal collaboration and equitable meeting experiences.

**Works for up to 6 people*



Improve Meeting Efficiency with AVer's Upgraded SmartFrame

AVer's VC520 Pro3 optimizes your meeting efficiency with its advanced SmartFrame technology. This AI feature automatically centers on participants, even from a remarkable distance of up to 22 feet away, ensuring precise people counting and clarity even when masks are worn. Additionally, the VC520 Pro3 provides a Preset Framing mode that intelligently tracks presenters within predefined zones. By configuring multiple preset viewing areas, the camera smoothly adjusts as the presenter moves, eliminating the need for manual control.



Superior Audio Quality with an Extended Speakerphone

The VC520 Pro3 ensures a reliable and seamless audio experience. Additionally, it supports either two expansion speakerphones or a full-duplex microphone set. This innovative speakerphone capability positions the VC520 Pro3 as the optimal choice for mid-to-large conference rooms.

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 individual participant in the meeting room
- Innovative Preset Framing: Follow 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, AE, white balance: auto/manual override via PTZApp 2
- Minimum focus distance: 1 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

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

Motorized pan and tilt movement

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

Video format

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

Speakerphone

- Echo cancellation
- Advanced noise suppression
- Dual-omnidirectional microphone
- 3.5 mm phone-in jack
- 3.5 mm line ou
- 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

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 2

Mount

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

System requirement

- Windows® 7/10/11
- Mac OS X 10.4 or later
- Google Chromebox 3 version 94.0.4606.114 or later

PC hardware requirement

- 3.20 GHz Intel® Core™ i5-4460 processor
- 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 supported

Audio Format

- AAC-LC
- Network protocol: RTSP, RTMP

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*

Dimensions (D x W x H)

- Package dimensions: 259 x 259 x 349 mm
- Package weight: 5.805 kg
- Camera: 150 x 153 x 182 mm/1.53 kgg
- Speakerphone: 220 x 181.5 x 49.5 mm/0.85 kg
- Remote control: 200 x 50 x 21 mm/0.09 kg

Environmental data

- Operation temperature: 0 ~ 40°C
- Operation humidity: 20% ~ 80%
- Storage temperature: -20 ~ 60°C
- Storage humidity: 20% ~ 80%

Connectivity

- 12V/5A power adaptor
- Mini DIN9 for RS232 in & out connection (VISCA control panel and camera daisy-chain)
- USB3.1 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.

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

Optional accessories

- MiniDIN8 to D-SUB9 RS232 Cable
- Expansion Speakerphone
- Expansion Microphone
- Foldable TV mount
- USB3.1 fiber extender 10m
- USB3.1 type-B to type-A cable 3m
- Ceiling mount

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, 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.*

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