VC520 Pro2

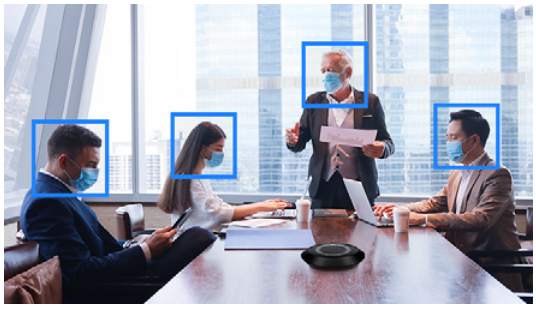
Enterprise conference system for mid-to-large rooms

Intelligently present every detail with 18X total zoom

Present in ultimate clarity for an engaging and natural meeting experience with the VC520 Pro2. Zoom in up to 18X total zoom (12X optical) on whiteboard content, documents, or people at an 84° FOV up to 60 feet away without any distortion. Stream and record vibrant videos in full HD 1080p video at 60fps via USB 3.1 streaming or RTSP/RTMP H.264 broadcasting.

Improved SmartFrame technology

Keep meetings efficient and safe with AVer's improved SmartFrame. Next-generation facial and body detection ensures that everyone is visible on the screen up to 10 meters away, even with masks on.



Effectively capture audio

Effectively capture audio throughout the entire room with the full duplex microphone array and echo cancellation on the VC520 Pro2. No more crowding around one speakerphone; now you can daisy-chain additional units to pick up voices and deliver crystal-clear sound within a 30 feet diameter.

Enhanced camera management

Camera management has never been this easy! Manage your devices with USB virtualization, and web-based management. With our enhanced management features, you'll never have to walk to the other side of campus to operate the camera.

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
- 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°/77.5°/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

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, NV12
- 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: 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

Audio Format

- AAC-LC
- Network protocol: RTSP, RTMP

Connectivity

- 12V/5A power adapter
- 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 2

Mount

- Camera wall-mount bracket included
- Optional ceiling mount (SKU: PTMLTWA01)

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

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

Environmental Data

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

Dimensions (D x W x H)

- 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 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)
- CAT6 speakerphone cable (33 ft/10 m)
- 3.5 mm aux cable (3 ft/0.9 m)
- QR code card
- Warranty card
- Wall-mount bracket (SKU: COMVCMNT6)
- ¼" tripod screw

Optional Accessories

- RS232 Cable (SKU: PTDIN8PT1)
- RS232 Adapter for PRO Series (SKU: COMPRO232)
- Expansion Speakerphone (SKU: COMEXPSPK)
- Expansion Microphone (SKU: COMEXPMIC)
- Ceiling mount (SKU: PTMLTWA01)

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.

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