

VC520 Pro2

# Smart Presenting with 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
  - Smart Gallery\* function offers great visibility for individual participant in the meeting room
  - 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: 24X\* 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
- \* Please use PTZApp 2 to set up Smart Gallery and 24X zoom.

## Motorized Pan & 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 H.265
- Network protocols: RTSP, RTMP

## Speakerphone

- Full duplex microphone array with echo cancellation
- Advanced noise suppression
- Dual-omnidirectional 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 (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 Pro2 Microsoft Teams edition

## Audio Format

- AAC-LC
- Network protocol: RTSP, RTMP

## 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 1.1 (USB video)
  - UAC 1.0 (USB audio)
  - UVC1.5\*
- \*UVC1.5 requires an additional firmware upgrade. Please contact technical support for more details.

## 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 Requirements

- Windows<sup>®</sup> 7/10/11
- Mac OS X 14.4 or later
- Google Chromebox 3 version 94.0.4606.114 or later

## Hardware Specs

- 3.2 GHz Intel<sup>®</sup> 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

- Smart Gallery/ Virtual USB streaming/ Preset Link
- 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: 220 x 181.5 x 49.5 mm/0.85 kg
- Remote control: 200 x 50 x 21 mm/0.09 kg

\* VC520 Pro2 Microsoft Teams edition  
Package dimensions: 348 x 251 x 308 mm  
Package weight: 6.7kg

## 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
- 2 Expansion Microphone and 5 m Cable\*

\* Only available for the VC520 Pro2 Microsoft Teams edition

## 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

## 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, 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

Front Panel	Back Panel
 <p data-bbox="347 672 558 694">H182 x W142.7 x D153 mm</p>	 <p data-bbox="821 645 1340 739">           Available with VC520 Pro2 Speakerphone set            USB 3.1 Type-B            RS232 in/out            LAN for IP streaming/            remote access            DC12V         </p>
Speakerphone	
 <p data-bbox="300 1153 430 1176">Standard edition</p>  <p data-bbox="619 1153 805 1176">Microsoft Teams edition</p>	 <p data-bbox="965 1030 1396 1131">           Daisy-chain up to            3 speakerphones            or 4 microphones            Phone in            Available with            VC520 Pro2 camera set            Line out         </p>

