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 ® 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® 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+

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

<table>
<thead>
<tr>
<th>Front Panel</th>
<th>Back Panel</th>
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</thead>
<tbody>
<tr>
<td><img src="image1" alt="Front Panel Image" /></td>
<td><img src="image2" alt="Back Panel Image" /></td>
</tr>
<tr>
<td>H182 x W142.7 x D153 mm</td>
<td>Available with VC520 Pro2 Speakerphone set</td>
</tr>
</tbody>
</table>

### Speakerphone

- **Standard edition**
- **Microsoft Teams edition**

### Back Panel Features
- LAN for IP streaming/remote access
- USB 3.1 Type-B
- RS232 in/out
- Available with VC520 Pro2 camera set
- Daisy-chain up to 3 speakerphones or 4 microphones
- Phone in
- Line out

**Dimensions:** H182 x W142.7 x D153 mm

**Note:** All brand names and logos are trademarks of their respective companies.