



CAM520 PRO

Enterprise grade high definition PTZ camera



SmartFrame

Automatically frame people based on facial detection and optimize color and light for human faces with a single click.



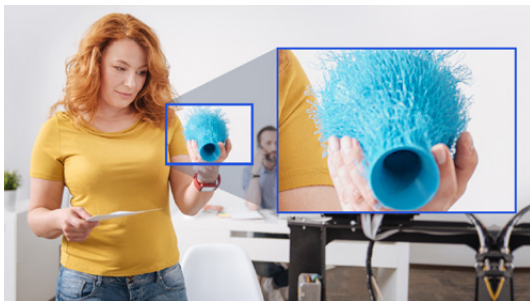
IP based management and streaming

Ethernet network connectivity to manage and control the CAM520 PRO via a web browser or centralized management software. Easily connect live video content from the CAM520 PRO using an H.264 RTSP/RTMP stream to your cloud base or on premise streaming delivery network.



18X total zoom (12X optical zoom with PTZ)

With one of the fastest and smoothest 18X total zoom available on the market today, the CAM520 PRO auto-focus optics and 12X true optical zoom delivers rapid and smooth pan, tilt and zoom performance to capture the smallest details with absolute clarity at every focal length.



RS232 integration capabilities

With advanced integration capabilities built into the CAM520 PRO, the system can easily incorporate into a controlled environment to allow users to manage the CAM520 PRO over an AV control panel using the RS232 port with VISCA support.



10 camera presets

Having only one camera preset can be extremely limiting. The CAM520 PRO allows you to customize your meetings by storing up to 10 PTZ presets. Each preset can be easily accessed with one touch of the remote, saving you time and providing flexibility to swiftly move to predetermined locations in the conference room.



Specifications

Camera

- Sony super low light 2M pixel sensor, keep clear and natural image in low light conditions
- Resolution: (16:9) 1920x1080, 1600x900, 1280x720, 960x540, 848x480, 800x448, 640x360, 424x240, 320x180; (4:3) 800x600, 640x480, 480x360, 320x240 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)
- Wide field of view (DFOV): 82°
- Lens focal length: 3.9mm (wide) ~ 47.3mm (tele)
- Lens F#: 1.8 (wide) ~ 2.8 (tele)
- Mirror, Flip, AE, white balance: auto, manual override via PTZApp
- Minimum focus distance: 1.5m
- Standard tripod screw holes and Kensington slot

Motorized pan and tilt movement

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

Video format

- YUV, YUY2, MJPEG, NV12
- Network video compress format: H.264
- Network protocol: RTSP, RTMP

HDMI & PoE*

- HDMI 1.3: up to 1080p 60fps
- DIP Switch
- PoE+: 802.3at

* There are two SKUs of CAM520 PRO: Standard and Advanced. HDMI & PoE functions are only included for the advanced SKU. Please contact your local agents to get these features.

Connectivity

- 12V/2A power adaptor
- Mini DIN9 for RS232 in & out connection (VISCA control panel and camera daisy-chain)
- USB3.1 Type-B connector
- IP (RJ45)
- HDMI*

* Available in advanced SKU.

USB

- 3.1 Gen1 Type B, backward compatible with USB 2.0
- UVC (USB video class) 1.1

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 (Not support IE)
- OSD setting: HDMI out to TV monitor*
- PTZApp

* Available in advanced SKU.

Mount

- Camera wall-mount bracket included

System requirement

- Windows® 7/10
- Windows® 10 Enterprise (IOT) LTSC (version 1809)
- Mac OS X 10.7 or higher
- Google Chromebook version 29.0.1547.70
- Android 5 or higher

Hardware spec

- 3.20 GHz Intel® Core™ i5-4460 processor
- 4 GB RAM or more
- USB 3.1 port , backward compatible with USB2.0 port

Web page browser requirement

- Chrome: Version 76.x or above
- Firefox: Version 69 or above
- IE: Not support

Power supply

- AC 100V ~ 240V, 50/60Hz
- Consumption: 12V, 2A

Free applications for meeting collaboration (Windows® and MAC)

EZManager : Camera central management software

- Remotely manage group FW/SW updates, camera control, and settings

PTZApp

- Compatible with Skype™ for business far-end control
- 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

Dimensions

- Package dimensions: 256x256x274mm
- Package weight: 3.335kg/7.35lbs
- Camera: 153x142.7x182mm
- Remote control: 200x50x21mm/0.09kg

Environmental data

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

Package contents

- CAM520 Pro unit
- Remote control
- USB 3.1 Type-B to Type-A cable (10ft/3m)
- Power adapter (10ft/3m)
- Quick-start guide
- Warranty card
- Wall-mount bracket
- ¼" tripod screw
- HDMI cable* (10ft/3m)
- Mini Din9 to RS232 adapter*

* Only available in advanced SKU.

Optional accessories

- Mini DIN9 to RS232 adapter
- 16 ft (5 m) USB 2.0 cable, Type-B to Type-A

Warranty*

- Camera: 3 years (US & Canada only)
- Accessories: 1 year

Compatible applications

- ZOOM, Microsoft® Teams, Skype™ for Business, Skype™, Google Hangouts, Intel® Unite™, RingCentral, BlueJeans, V-Cube, LiveOn, CyberLink U Meeting®, TrueConf, Adobe Connect, Cisco WebEx®, Fuze, GoToMeeting™, Microsoft® Lync™, Vido, vMix, WebRTC, Wirecast, XSplit

Certifications

- CAM520 PRO is certified for Microsoft Teams and Skype for Business.
- CAM520 PRO is Zoom certified



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