



**Products:** CAM520 Pro2

**Firmware Version:** 0.0.7204.30

**Published Date:** Apr. 30, 2024

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## Revision History and System Requirement

Firmware Version	Region	Date	Model
0.0.7204.30	WW	April 30, 2024	CAM520 Pro2
0.0.7204.14	WW	November 11, 2022	CAM520 Pro2
0.0.7204.06	WW	June 17, 2022	CAM520 Pro2
0.0.7204.04	WW	May 05, 2022	CAM520 Pro2
0.0.7200.92	WW	NOV.25, 2021	CAM520 Pro2
0.0.7200.90	WW	NOV.5, 2021	CAM520 Pro2
0.0.7200.80	WW	July 23, 2021	CAM520 Pro2
0.0.7200.78	WW	July 8, 2021	CAM520 Pro2
0.0.7200.64	WW	March 15, 2021	CAM520 Pro2



## **Important Notice**

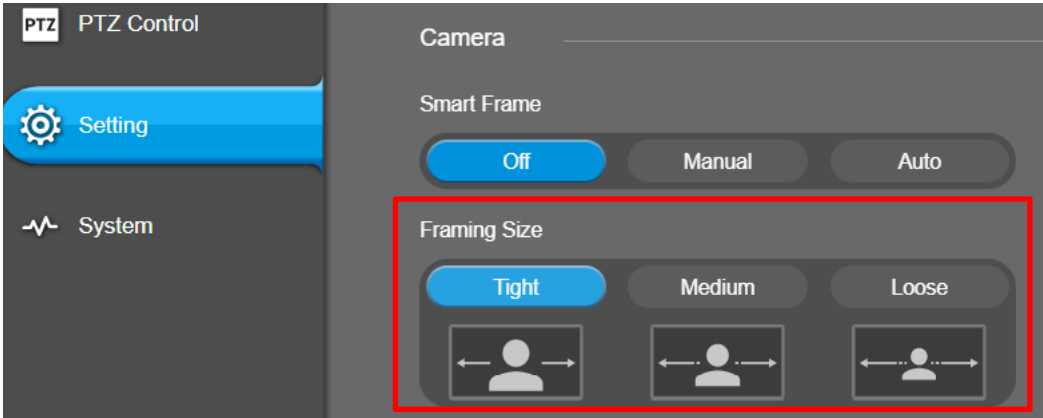
1. PTZApp2 should be upgraded to **v. 2.1.1006.10 (MAC); v. 2.1.1014.17 (Windows)** to get full functions.
2. Smart frame effective distance up to 7~10 meters, depending on your setting of camera height and background environment.
3. H.264 IP video streaming supports Windows 7 &10,11. (not supports Windows 8.1)
4. During system upgrade, please DON'T turn off the power for any reasons.
5. If the FW upgrading is not success, please re-plug and power adapter and USB cable to do FW upgrade again.



## New Features

Firmware Version	New Features
0.0.7204.30	<ol style="list-style-type: none"> <li>1. Fulfill UK Product Security and Telecommunications Infrastructure (PSTI) Act 2022 with advanced password mechanism</li> <li>2. Add OSD Off option</li> <li>3. Add Auto Reboot mechanism</li> </ol>
0.0.7204.14	<ol style="list-style-type: none"> <li>1. Add VISCA command: <ul style="list-style-type: none"> <li>▪ Mute, Volume</li> <li>▪ Inquiring Tracking Status</li> </ul> </li> <li>2. Get People Counting Information via VISCA over IP</li> <li>3. New Model Support for Preset Link (IP Mode) <ul style="list-style-type: none"> <li>▪ Yamaha RM-CR, RM-CG, RM-TT</li> </ul> </li> <li>4. Removed default password of RTSP for privacy</li> <li>5. Will Change Tracking Mode to “Manual Frame” once user manually set PTZ</li> </ol>
0.0.7204.06	<ol style="list-style-type: none"> <li>1. Support Smart Gallery feature (*it requires PTZApp2 running in computer)</li> <li>2. Improved Preset feature</li> </ol>
0.0.7204.04	<ol style="list-style-type: none"> <li>1. Support IP virtual streaming function in MAC OS.</li> <li>2. Support big data</li> <li>3. Add VISCA command: Power-Reset; Power_On/Off, Preset framing tracking</li> <li>4. Improve remote control sensitivity</li> <li>5. Improve auto frame accuracy performance</li> <li>6. Support hostname editing in IP web page</li> <li>7. Support SSL on/off in PTZApp2</li> <li>8. Support Preset link via IP for audio tracking with Shure and Sennheiser</li> </ol> <p>Please use latest PTZApp2 to enable functions of #1,2,7,8.</p>
0.0.7200.92	N/A
0.0.7200.90	<ol style="list-style-type: none"> <li>1. Support setting preset point with manual focus adjustment.</li> <li>2. Support H.265 RTSP</li> <li>3. Support total zoom up to 24x</li> <li>4. Support DHCP hostname information (default is camera model name)</li> <li>5. Change load/set preset UX behavior in IP page and PTZApp2</li> </ol>
0.0.7200.80	<ol style="list-style-type: none"> <li>1. Change framing size description: change “Loose” to “Wide”</li> <li>2. Image default setting change</li> </ol>
0.0.7200.78	<ol style="list-style-type: none"> <li>1. Add “framing size” function. When auto framing, the zoom in size has different options so that the new comers can be detected for different using scenario. Please upgrade PTZApp2 to the latest version to have this function.</li> </ol>



	 <p><b>Tight</b>(default): It provides a close-up view of meeting participants.  <b>Medium</b>: It provides Establishes a medium view of meeting participants.  <b>Loose</b>: It provides a wide view of meeting participants.</p> <ol style="list-style-type: none"> <li>2. Change people count behavior. When streaming is off, people counting function keeps running so that 3<sup>rd</sup> party app still can get the data.</li> <li>3. When under auto frame mode, whenever the USB streaming is on, camera will trigger framing detection for once no matter there is people or not.</li> <li>4. Enhance Auto focus speed, especially when people are in front of whiteboard/ TV screen.</li> <li>5. Enhance WDR performance.</li> </ol>
0.0.7200.64	Improve sensitivity of Preset framing function and image clarity





Known Issues

Firmware Version	Problem Fixed
0.0.7204.04	None
0.0.7200.92	None
0.0.7200.90	None
0.0.7200.80	None
0.0.7200.78	None
0.0.7200.64	None

