



Products: CAM520 Pro

Firmware Version: 0.0.1006.24

Published Date: May 25, 2022

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Revision History and System Requirement

Firmware Version	Region	Date	Model
0.0.1006.24	WW	May 25, 2022	CAM520Pro
0.0.1006.22	WW	April 28, 2022	CAM520Pro
0.0.1006.14	WW	July 6, 2021	CAM520Pro
0.0.1004.38	WW	November 26, 2020	CAM520Pro
0.0.1004.36	WW	October 26, 2020	CAM520Pro
0.0.1004.30	WW	August 13, 2020	CAM520Pro
0.0.1004.28	WW	August 3, 2020	CAM520Pro
0.0.1004.18	WW	June 30, 2020	CAM520Pro
0.0.1000.82	WW	April 20, 2020	CAM520Pro
0.0.1000.78	WW	March 26, 2020	CAM520Pro/VC520Pro
0.0.1000.70	WW	JAN. 06, 2020	CAM520Pro/VC520Pro
0.0.1000.52	WW	DEC. 20, 2019	CAM520Pro/VC520Pro

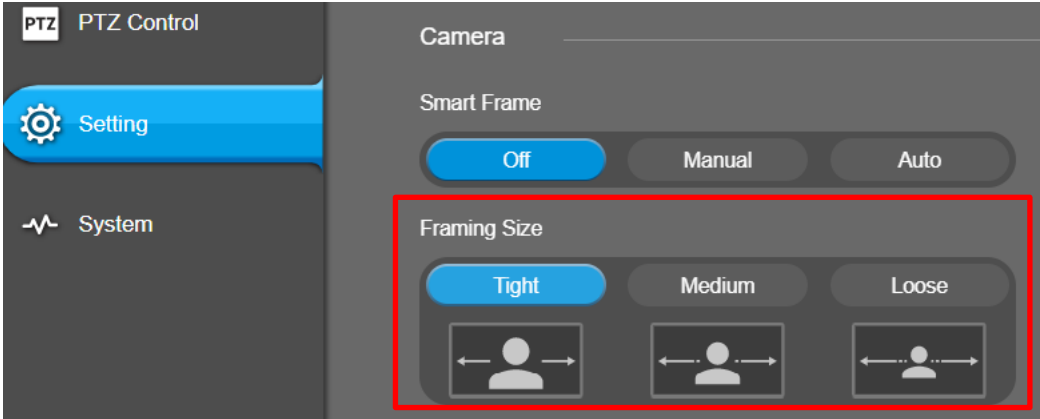


Important Notice

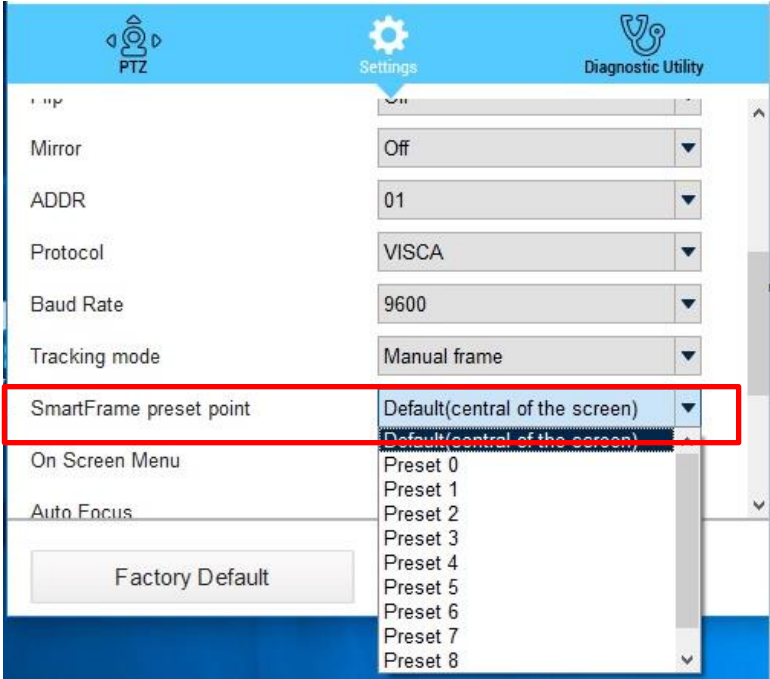
1. Please use PTZApp2 and it should be upgraded to 2.0.1025.26 (MAC); v. 2.0.1037.38 (Windows) to get full functions.
2. Smart frame uses face detection technology; please face the camera to ensure the detection accuracy. Side facial profiles are not detectable.
3. The smart frame detection distance is up to 6 meters. If more than 6 meters, the accuracy may drop.
4. H.264 IP video streaming supports Windows 7 ,10,11. (not supports Windows 8.1)
5. During system upgrade, please DON'T turn off the power for any reasons.



New Features

Firmware Version	New Features
0.0.1006.24	1. Optimize auto frame performance on single speaker.
0.0.1006.22	1. Support hostname editing function via IP web page 2. Update IP web page, JQuery version to version 3.5.0 or higher 3. Support “Set frame starting position” VISCA command 4. Add “Off” option in Camera binding function (via PTZApp2) 5. Support disable SSL function (via PTZApp2)
0.0.1006.14	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. <div data-bbox="411 929 1455 1346" style="border: 1px solid black; padding: 5px; margin: 10px 0;">  </div> <p>Tight(default): It provides a close-up view of meeting participants.</p> <p>Medium: It provides Establishes a medium view of meeting participants.</p> <p>Loose: It provides a wide view of meeting participants.</p> 2. Change people count behavior. When streaming is off, people counting function keeps running so that 3 rd party app still can get the data. 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.
0.0.1004.38	1. Support “Save Preset On/Off” function. When Off, user can’t change preset point setting via remote control, Visca, IP webpage, hotkey. This function has to go with latest PTZApp version. 2. Integration with Barco Clickshare series. 3. Support ODM customer’s log



	<p>4. Support Poly G500. Cam520 Pro can work with Poly G500 as second camera and can be controlled via VISCA. Please notice that the VISCA settings of CAM520 Pro has to be with default setting.</p> <p>5. This version will be also uploaded to Windows update server by mid of DEC.</p>
0.0.1004.36	<p>1. RS232 port: support Visca reboot command</p> <p>2. Microsoft teams MTR: While connecting CAM520 Pro to Teams MTR system, the RS232/IP stream/HDMI port will be disabled automatically. Users can enable it again via PTZApp setting.</p>
0.0.1004.30	N/A
0.0.1004.28	<p>1. Image settings:</p> <p>Original: When unplugging adaptor or rebooting, the image settings and WDR will be set back to default value.</p> <p>New: All the image settings and WDR will be retained after unplugging adaptor or rebooting.</p>
0.0.1004.18	<p>1. Add SmartFrame preset point function.</p> <p>Original: Camera always goes back to central position to capture all participants and zoom in.</p> <p>New: Users can choose the preferred preset point direction and camera will capture all participants based on the appointed preset point</p>  <p>PTZApp should be upgraded to v. 1.4.1087.90 (MAC); v. 1.4.1112.116 (Windows) to get full functions</p> <p>2. IP webpage: H.264 Profile setting adds two options: H.264 Baseline Profile/ High profile</p>



	3. VISCA command adds power on/ off
0.0.1000.82	<ol style="list-style-type: none"> 1. Change camera zoom-in mechanism to be compatible with VeeMed software. 2. Change Webpage idle rule: Original: If there is no request on webpage, users will be logged out after 30mins New: If there is no request on webpage, users will be logged out after 4 hrs 3. Change Webpage in use rule: Original: When webpage is in use for 2 hrs, users have to press resume button to continue the usage. Otherwise, they will be logged out. New: Remove this rule. 4. Webpage preset function: Users can edit the name of each preset point.
0.0.1000.78	<ol style="list-style-type: none"> 5. Change Webpage login process to enhance security mechanism. 6. Improve JP language translation on Webpage 7. Add RTMP on/off hotkey on number 8 on remote controller.
0.0.1000.70	<ol style="list-style-type: none"> 8. Revised Japanese language on both IP webpage and HDMI out OSD. 9. Improved auto frame performance up to 6 meters far.



Known Issues

Firmware Version	Problem Fixed
0.0.1006.24	N/A
0.0.1006.22	N/A
0.0.1006.14	N/A
0.0.1004.38	N/A
0.0.1004.36	N/A
0.0.1004.30	N/A
0.0.1004.28	N/A
0.0.1004.18	N/A
0.0.1000.82	N/A
0.0.1000.78	Audio streaming function for RTMP/RTSP is still not available.
0.0.1000.70	N/A
0.0.1000.52	After changing NTP time zone, the system will take 40 seconds to change to the corresponding time. This issue will be fixed in next FW release.

