



**Products:** CAM520 Pro

**Firmware Version:** 0.0.1004.36

**Published Date:** October 26, 2020

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## Revision History and System Requirement

Firmware Version	Region	Date	Model
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

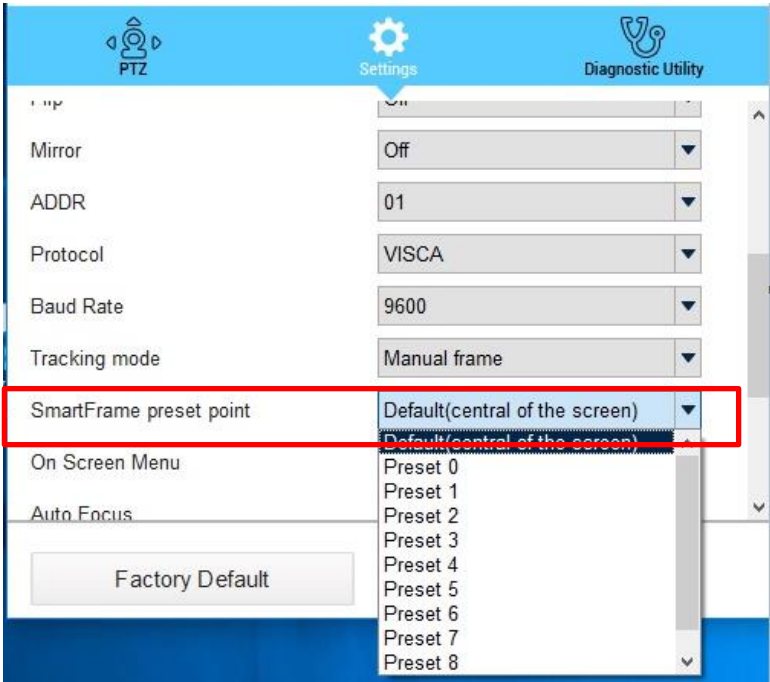


## **Important Notice**

1. PTZApp should be upgraded to **v. 1.4.1087.90 (MAC)**; **v. 1.4.1112.116 (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. (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
0.0.1004.36	1. RS232 port: support Visca reboot command 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.
0.0.1004.30	N/A
0.0.1004.28	1. Image settings: Original: When unplugging adaptor or rebooting, the image settings and WDR will be set back to default value. New: All the image settings and WDR will be retained after unplugging adaptor or rebooting.
0.0.1004.18	1. Add SmartFrame preset point function. Original: Camera always goes back to central position to capture all participants and zoom in. New: Users can choose the preferred preset point direction and camera will capture all participants based on the appointed preset point <div data-bbox="475 1086 1248 1765" data-label="Image">  </div> <p>PTZApp should be upgraded to <b>v. 1.4.1087.90 (MAC)</b>; <b>v. 1.4.1112.116 (Windows)</b> to get full functions</p> 2. IP webpage: H.264 Profile setting adds two options: H.264 Baseline Profile/ High profile 3. VISCA command adds power on/ off



<p>0.0.1000.82</p>	<ol style="list-style-type: none"> <li>1. Change camera zoom-in mechanism to be compatible with <b>VeeMed</b> software.</li> <li>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</li> <li>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.</li> <li>4. Webpage preset function: Users can edit the name of each preset point.</li> </ol>
<p>0.0.1000.78</p>	<ol style="list-style-type: none"> <li>5. Change Webpage login process to enhance security mechanism.</li> <li>6. Improve JP language translation on Webpage</li> <li>7. Add RTMP on/off hotkey on number 8 on remote controller.</li> </ol>
<p>0.0.1000.70</p>	<ol style="list-style-type: none"> <li>8. Revised Japanese language on both IP webpage and HDMI out OSD.</li> <li>9. Improved auto frame performance up to 6 meters far.</li> </ol>



## Problems Fixed

Firmware Version	Problem Fixed
0.0.1004.36	N/A
0.0.1004.30	1. Fix bugs while connecting with MAC system: Some camera settings will be return to default while connecting with MAC.
0.0.1004.28	1. Fix remote control randomly abnormal issue 2. Fix FW update randomly failure issue
0.0.1004.18	N/A
0.0.1000.82	1. Fixed bugs on remote control
0.0.1000.78	1. Fixed some bugs on speakerphone cascade.
0.0.1000.70	1. Fixed some bugs on HDMI functions.
0.0.1000.52	1. Fix RTMP streaming uploading to YouTube. Notice: Please don't change resolution setting while streaming is uploading.



## Known Issues

Firmware Version	Problem Fixed
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.

