



**Products:** CAM540

**Firmware Version:** 0.0.6004.20

**Published Date:** April 7th, 2023

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## Revision History and System Requirement

Firmware Version	Region	Date
0.0.6004.20	WW	April 07, 2023
0.0.6004.14	WW	July 15, 2021
0.0.6004.12	WW	June 30, 2021
0.0.6004.10	WW	April 27, 2021
0.0.6004.02	WW	October 23, 2020
0 0 6002.98	WW	July 27, 2020
0 0 6002.92	WW	June 05, 2020
0 0 6002.88	WW	April 22, 2020
0 0 6002.84	WW	February 10, 2020
0 0 6002.82	WW	December 04,2019
0 0 6002.78	WW	November 05,2019
0 0 6002.76	WW	October 24,2019
0 0 6002.58	WW	August 08,2019
0.0.6002.46	WW	July 05,2019
0.0.6002.24	WW	May 13,2019
0.0.6000.34	WW	January 28. 2019
0.0.6000.26	WW	November 13,2018
0.0.6000.24	WW	October 12,2018 for mass production
0.0.6000.16	WW	September for pilot run

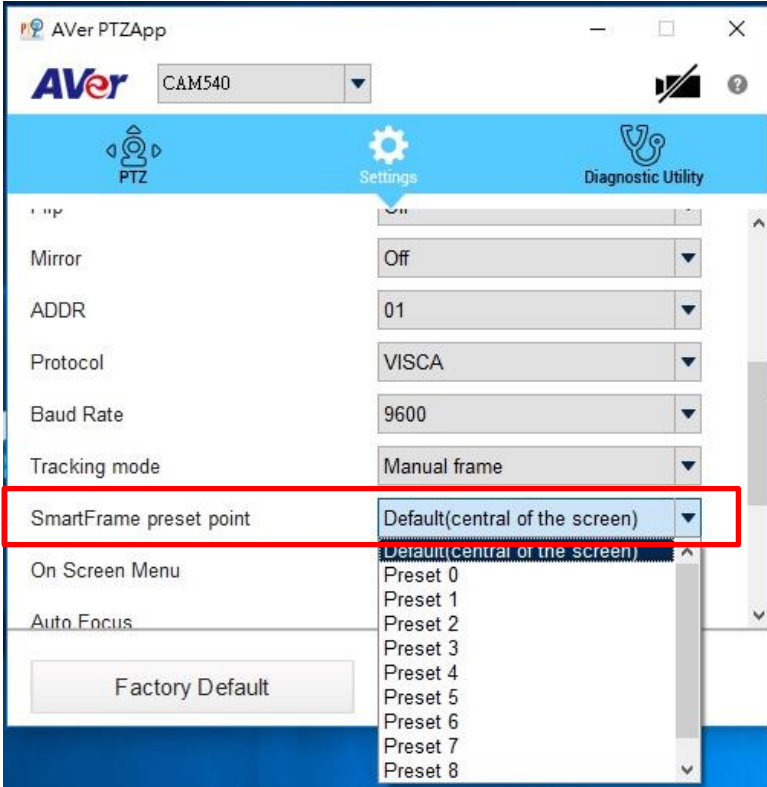


## **Important Notice**

1. Please upgrade to PTZApp2 to get better user interface. Please visit AVer web site to download the latest PTZApp2 app.
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 best detection distance is up to 5meters.



## New Features

Firmware Version	New Features
0.0.6004.14	N/A
0.0.6004.12	Improve local preview image (640x360 resolution) in Teams app.
0.0.6004.10	Add Visca command for supporting CL10(ExpComp/WB/WDR/Gain/Hue). Visca command for framing off. Meanwhile, it will have feedback for command accepted and completed.
0.0.6004.02	While connecting CAM540 to Teams MTR system, the RS232 port will be disabled automatically. Users can enable it again via PTZApp setting.
0.0.6002.98	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. 2. Add UVC preset position API for Google Meet.
0.0.6002.92	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 
0.0.6002.88	None
0.0.6002.84	1. Improve auto frame performance.



0.0.6002.82	<p>1. When the camera is powered on, the settings (WDR/sharpness/brightness/contrast/saturation) for the image will revert back to factory default.</p> <p>2. While executing SmartFrame function, “Framing” will be visible on the top left corner of the image screen. To remove “Framing” text, users can use PTZApp and set “On Screen Menu” OFF.</p>
0.0.6002.78	None
0.0.6002.76	<p>Support RS232 commands for auto framing function</p> <p>Support Sleep timer setting via PTZApp. Please use updated PTZApp version v. 1.4.1071.77 (MAC); . v. 1.4.1091.98 (Windows)</p>
0.0.6002.58	<p>Support Smart frame OFF function. Please go with PTZApp v. 1.3.1067.68 (MAC); . v. 1.3.1085.86 (Windows) to have Smart Frame “OFF” function in PTZApp.</p> <p>Support ZOOM Room Preset and Auto frame function</p>
0.0.6002.46	<p>Support people counting analytic data</p> <p>Support RS232 ZOOM in/out function</p> <p>Add. Visca command: power_inq to enter suspend mode</p> <p>USB2.0 mode supports 720p \ 960x540 resolution</p>
0.0.6002.24	Enhance auto frame accuracy
0.0.6000.34	Support hand-free auto smart frame function. This function has to be enabled via PTZapp (PC v.1.3.1075.77; MAC v.1.3.1060.63)
0.0.6000.26	None
0.0.6000.24	1st release with complete production functions, including 1080p/720p 60fps with 16xzoom and flip image function



## Problems Fixed

Firmware Version	Problem Fixed
0.0.6004.20	Fix Microsoft Teams (Desktop Version) compatibility issue after Teams 2023 update.
0.0.6004.14	Fix the UVC control issue in Win10 (such as zoom in)
0.0.6004.12	None
0.0.6004.10	None
0.0.6004.02	None
0.0.6002.98	Fix ISP occasionally failure issue
0.0.6002.92	None
0.0.6002.88	Fix some bug for working with remote control
0.0.6002.84	None
0.0.6002.82	None
0.0.6002.78	PC may not detect camera randomly
0.0.6002.76	None
0.0.6002.58	None
0.0.6002.46	None
0.0.6002.24	None
0.0.6000.34	None
0.0.6000.26	Fix. mipi config to solve random video stream error issue
0.0.6000.24	None



## Known Issues

Firmware Version	Problem Fixed
0.0.6004.14	None
0.0.6004.12	None
0.0.6004.10	None
0.0.6004.02	None
0.0.6002.98	None
0.0.6002.92	None
0.0.6002.88	None
0.0.6002.84	None
0.0.6002.82	None
0.0.6002.78	None
0.0.6002.76	None
0.0.6002.58	None
0.0.6002.46	None
0.0.6002.24	None
0.0.6000.34	None
0.0.6000.26	None
0.0.6000.24	None

