



Products: CAM520,VC520+

Firmware Version: 0.0.0018.38

Published Date: June 22, 2020

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Revision History and System Requirement

Firmware Version	Region	Date	Model
0.0.0018.38	WW	June 22, 2020	VC520+/CAM520
0.0.0018.36	WW	October 14, 2019	VC520+/CAM520
0.0.0018.20	WW	August 31, 2018	VC520
0.0.0016.24	WW	May 2, 2017	VC520
0.0.0016.16	WW	December 2, 2016	VC520
0.0.0016.06	WW	August 5, 2016	VC520
0.0.0014.02	WW	June 30, 2016	VC520
0.0.0012.16	WW	April 8, 2016	VC520
0.0.0012.00	WW	March 8, 2016	VC520
0.0.0010.32	WW	December 23, 2015	VC520
0.0.0010.26	WW	November 11, 2015	VC520
0.0.0010.22	WW	October 15, 2015	VC520
0.0.0010.08	WW	September 2, 2015	VC520



Important Notice

1. Downgrading firmware to any older version is prohibited.
2. H.264 video codec support Windows 7, doesn't support Windows 8.1
3. During system upgrade, please DON'T turn off the power for any reasons.
4. If speakerphone connected improperly, please re-connected correctly and it will take 3 seconds to reset.
5. When the speakerphone was excessive movement or environmental change. Speakerphone needs about 5 seconds to relearn AEC function.
6. Upgrade PTZApp to **version 1.4.1112.116 for Windows; 1.4.1087.90 for MAC or above.**
7. Device will be assigned unique identification to conform to USB2.0 detection rule starting from v0.0.0014.02 (all devices will be detected when plugged in for the first time).



New Features

Firmware Version	New Features
0.0.0018.38	<ol style="list-style-type: none"> 1. Change the green line around the face while in FaceLumie function. 2. While camera is at standby mode, users can use PTZ control to wake camera up.
0.0.0018.36	<ol style="list-style-type: none"> 3. Supports sleep timer options. 4. Please go with updated PTZApp:(Windows: 1.4.1091.98; MAC: 1.4.1071.77)
0.0.0018.20	<ol style="list-style-type: none"> 5. Improve audio quality 6. Add option to adjust noise suppression. (0db~-40db, default-10db) 7. Modified gain value of MIC from x5 to x4.
0.0.0016.24	
0.0.0016.16	<ol style="list-style-type: none"> 1. Support 18X zoom 2. Add Sleep mode
0.0.0016.06	<ol style="list-style-type: none"> 1. Support AEC/NR enable/disable selection via PTZApp. 2. Add Home position selection via PTZApp. 3. Add Suspend position selection via PTZApp. 4. Support UAC 32K/48K sampling rate. 5. Improve Audio quality. *PTZApp must be upgraded to v1.2.1030.32
0.0.0014.02	<ol style="list-style-type: none"> 1. Supports Zoom app new far-site control PTZ function.
0.0.0012.16	<ol style="list-style-type: none"> 1. Supports *FaceLumi function on advanced remote control.
0.0.0012.00	<ol style="list-style-type: none"> 1. Improves zoom in & out auto focus behavior.
0.0.0010.32	<ol style="list-style-type: none"> 1. Improves preset moving speed and zoom in & out speed. 2. Defines different minimum moving steps for different zoom-in ratio.
0.0.0010.26	None
0.0.0010.22	None
0.0.0010.08	<ol style="list-style-type: none"> 1. Supports the new driver for 2nd speakerphone.

*FaceLumi: Enhance facial features by correcting skin tone and activates auto focus and auto exposure.



Problems Fixed

Firmware Version	Problem Fixed
0.0.0018.38	None
0.0.0018.36	None
0.0.0018.20	None
0.0.0016.24	None
0.0.0016.16	Fixed remote control pan movement
0.0.0016.06	None
0.0.0014.02	None
0.0.0012.16	None
0.0.0012.00	None
0.0.0010.32	None
0.0.0010.26	1. Modified fine tune high band noise reduction 2. Modified variable step distance for different zoom ration.



Known Issues

Firmware Version	Problem Fixed
0.0.0018.38	None
0.0.0018.36	None
0.0.0018.20	None
0.0.0016.24	None
0.0.0016.16	None
0.0.0016.06	None
0.0.0014.02	None
0.0.0012.16	None
0.0.0012.00	None
0.0.0010.32	None
0.0.0010.26	None

