

# VC-A71P Firmware Release Note

Release Date	Version	Description	Note
2024/04/19	VCAZ106	<p><b>New Features</b></p> <ol style="list-style-type: none"> <li>1. NDI Genlock function is now supported.</li> <li>2. Added IQ sync Visca command.</li> <li>3. Added new IQ mode: Standard mode, LED mode.</li> </ol> <p><b>Improvements</b></p> <ol style="list-style-type: none"> <li>1. Enhanced the transmitting stability of Free D.</li> <li>2. Enhanced focus performance during high magnification.</li> </ol> <p><b>Bug Fixed</b></p> <ol style="list-style-type: none"> <li>1. Fixed the bug where the image would not flip after pressing the Mirror button when using VS-K20 to control the camera.</li> </ol>	
2023/11/07	VCAZ105	<p><b>Improvements</b></p> <ol style="list-style-type: none"> <li>1. Enhanced Image Quality.</li> </ol>	
2023/04/26	VCAZ104	<p><b>New Features</b></p> <ol style="list-style-type: none"> <li>1. Added [Smart AE] function on Webpage and OSD.</li> <li>2. Added [IQ Sync] on Webpage.</li> <li>3. Added new Zoom tracking function on OSD to keep focus position when zoom in/out.</li> </ol> <p><b>Bug Fixes and Improvements</b></p> <ol style="list-style-type: none"> <li>1. Improvement SDI performance.</li> <li>2. Fixed Preset will change Camera configuration.</li> </ol>	
2022/11/28	VCAZ103	<p><b>New Features</b></p> <ol style="list-style-type: none"> <li>1. Added UAC function of USB.</li> <li>2. Added USB Pan/Tilt speed command.</li> <li>3. Added control Pan/Tilt speed in USB Extension Unit</li> <li>4. OSD/Webpage adds REC.709 and BT.2020 color space</li> </ol>	

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		<p>5. OSD/Webpage adds white balance mode (3000K / 4300K / 5000K / 6500K / 8000K)</p> <p><b>Bug Fixes and Improvements</b></p> <ol style="list-style-type: none"> <li>1. Fixed the image shaking issue under USB output.</li> <li>2. Fixed the Bugs with OBS Plugin and Dockable Controller</li> <li>3. Fixed the color abnormal issue under OnePushWB mode.</li> <li>4. Fixed the Pan/Tilt position shift issue when execute direction commands.</li> </ol>	
2022/08/17	VCAZ102	<p><b>New Features</b></p> <ol style="list-style-type: none"> <li>1. Added CGI command.</li> <li>2. Added IP Cam Scan.</li> <li>3. Support 4K MPEG-TS resolution.</li> <li>4. SRT support stream ID and domain name URL.</li> <li>5. Add account/password feature in RTMP stream.</li> </ol> <p><b>Bug Fixes and Improvements</b></p> <ol style="list-style-type: none"> <li>1. Improved 1080i HDMI/SDI out format.</li> <li>2. Improved image freeze when streaming long time.</li> <li>3. Improved vMix software with camera Tally Light control behavior.</li> </ol>	
2021/12/24	VCAZ100	<p><b>New Features</b></p> <ol style="list-style-type: none"> <li>1. Added Motion Sync Feature for Preset function.</li> <li>2. Firmware version change to the total identification version.</li> <li>3. Added VISCA Command ZoomFocus without speed command.</li> <li>4. Added PTZ Assist command and revise the OSD menu behavior.</li> </ol> <p><b>Bug Fixes and Improvements</b></p> <ol style="list-style-type: none"> <li>1. Improved AF performance and MF behavior.</li> </ol>	
2021/10/01	VMI126_VMH115_VMK107_VMG100_VMF101_VML122_	Improved Global search performance.	

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	VMM103		
2021/08/17	VMI126_VMH115_VMK107_VMG100_VMF101_VML121_VMM103	<p><b>New Features</b></p> <ol style="list-style-type: none"> <li>1. Support IEEE802.1X protocol.</li> <li>2. Support Free-D protocol.</li> <li>3. Support 1080i 59.94/50 output on stream 2 (H.264).</li> <li>4. SRT protocol support 4K 60/30.</li> <li>5. Added One push focus button on the webpage.</li> <li>6. Added Standby position VISCA Command. (Normal/Ceiling)</li> </ol> <p><b>Bug Fixes and Improvements</b></p> <ol style="list-style-type: none"> <li>1. Fixed Audio DC offset issue.</li> <li>2. Improved AF performance.</li> <li>3. Improved focus performance in low illumination.</li> <li>4. Improved sharpness and brightness performance under 1080p output</li> </ol>	
2020/12/18	VMI116_VMH110_VMK107_VMG100_VMF101_VML116_VMM102	<p><b>New Features</b></p> <ol style="list-style-type: none"> <li>1. HDMI output support RGB color space and can be switched.</li> <li>2. Added digital zoom function.</li> <li>3. Added output resolution 1080i 59.94/50.</li> <li>4. Added Block Inquiry Command.</li> <li>5. Added Reboot http command.</li> <li>6. Added Reboot button and schedule reboot function on webpage.</li> <li>7. Added Smart AF function.</li> <li>8. Support USB 3.0 function.</li> <li>9. Added below functions on webpage. <ol style="list-style-type: none"> <li>9.1 Pan Tilt Zoom control</li> <li>9.2 PTZ Assist</li> <li>9.3 Tally Lamp</li> </ol> </li> </ol>	<p>Compatible with below Bosch system:</p> <ol style="list-style-type: none"> <li>1. DICENTIS Wireless Conference System v1.70 or above</li> <li>2. CCS 1000 D Digital Discussion System v1.70 or above</li> </ol>

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		9.4 Initial Position 9.5 Motionless Preset  <b>Improvements</b> 1. Improved AF & AWB performance. 2. Improved COLOR DENOISE performance in low illumination.	
2020/07/14	VMI111_VMH106_VMK106_VMG100_VMF101_VML112_VMM101	Remove the USB 3.0 function (Reserved).	
2020/05/10	VMI108_VMH104_VMK106_VMG100_VMF101_VML112_VMM100	First Version.	