

<b>PFV3 Rev. 3.3.9 Release Notes</b>			
			2013/8/9
<p><b>DVD-ROM Revision</b></p> <p>Rev.3.3.9 (Domestic/Overseas common shipment version)</p> <p><b>PFV Revision</b></p> <p>PFV Ver. 3.3.9.1 SDK(PDCLIB.DLL) Ver. 1.1.3.9</p> <p><b>The contents of a folder in DVD-ROM</b></p> <p>PFV Setup32 ... PFVSETUP for 32bit Windows  PFV Setup64 ... PFVSETUP for 64bit Windows  AdobeReader ... Adobe Reader 8.1.0  SDK ... FASTCAM series correspondence SDK , SDK document, and samples  Doc ... PDF file inclusion of each camera manual  ReleaseNotes ... PDF file inclusion of Release Notes  Driver ... Device drivers complete set  LabVIEW and MATLAB ... LabVIEW and MATLAB components complete set  PFA ... Photron FASTCAM Analysis (Motion analysis, and tracking software)</p>			

Functional addition		Bug fixed	Others
No.	Contents	Hardware Update	
<b>FASTCAM MC1</b>			
1	DMC1.DLL has been changed. (Ver.1.0.3.8)		
<b>FASTCAM MC2/2.1</b>			
2	DMC1.DLL has been changed. (Ver.1.0.3.8)		
<b>FASTCAM MH4-10K</b>			
3	DMH4.DLL has been changed. (Ver.1.0.3.9)		
<b>FASTCAM SA1/SA1.1</b>			
4	DSA1.DLL has been changed. (Ver.1.0.6.2)		
<b>FASTCAM SA2/SA2 RV</b>			
5	DSA2.DLL has been changed. (Ver.1.0.4.9)		
<b>FASTCAM SA3/CT3</b>			
6	DSA3.DLL has been changed. (Ver.1.0.5.8)		
<b>FASTCAM SA4/SA4 RV</b>			
7	DSA4.DLL has been changed. (Ver.1.0.2.1)		
<b>FASTCAM SA5/SA5 RV/SA5 1550K</b>			
8	DSA5.DLL has been changed. (Ver.1.0.4.5)		
<b>FASTCAM SA6</b>			
9	DSA6.DLL has been changed. (Ver.1.0.1.1)		
<b>FASTCAM SA7</b>			
10	DSA7.DLL has been changed. (Ver.1.0.2.5)		
<b>FASTCAM SA8</b>			
11	DSA8.DLL has been newly attached.		
<b>FASTCAM SA-X</b>			
12	DSAX_B.DLL has been changed. (Ver.1.0.3.6)		
<b>FASTCAM SA-X2</b>			
13	DSAX_B.DLL has been changed. (Ver.1.0.3.6)		
<b>PFV/SDK</b>			
14	Displaying playback-control on target image has been supported.		
15	Printing image has been supported.		
16	Filtering 16:9 or 4:3 by resolution list has been supported.		
17	Showing histogram on hardware-image trigger setting window has been supported.		

18	Scale base settings (Ruler, Grid, etc) have been supported to be saved.	
19	To change unit of Time-code has been supported.	
20	To change partition has been supported on DataSave-tab.	
21	To save settings of scale calibration to .PCS file has been supported.	
22	Parallel downloading on Gigabit I/F has been supported without SA-X, SA-X2, SA7, and SA8.	
23	Following plug-ins have been supported. 1) Cycle plug-in 2) Showing a shot image with trigger-input timing	
24	Snapshot function has been supported to capture all cameras at the same time.	
25	Shading has been supported to begin at once.	
26	Zoom window has been supported to fixes zoom position.	
27	“Update” button behavior has been changed to restart Live-capture when stopping Live-capture.	
28	A check-box in a group of “RAW(W)/MRAW/TIFF bayer files” on configuration window has been changed to be checked as default.	
29	When SA7 and SA8 are used together, a problem has been fixed, which shows same shot images.	
30	A problem has been fixed, which can NOT read TIFF format by IS-1M camera output.	
31	When re-save CIH, a problem has been fixed, which unsaved camera settings.	
32	When ROI auto-downloading as AVI, a problem has been fixed, which does NOT align width as multiples of 8.	
33	In NI-DAQ, a problem has been fixed, which incorrectly shows Live-voltage.	
34	When User-LUT is written in SA-X2, a problem has been fixed, which darkens video-output image.	
35	When Pseudo-color window is opened, and when a setting is changed in its window, a problem has been fixed, which rewinds cursor to the beginning of frames on Playback-control.	
36	Information message (“Impossible to show”) has been shown when Bayer-save is impossible with Pseudo-color.	
37	Information message has been shown when Pseudo-color window is shown with flared highlights alert.	

38	When MRAW data is divisionally saved, a problem has been fixed, which does NOT show confirmation message (about "overwriting").	
39	When MRAW data is divisionally re-saved, a problem has been fixed, which does NOT overwrite divided first file.	
40	While shading, a problem has been fixed, which can manually close progress window.	
41	When monochrome, and 16bit or sensor-bit data is saved with Info-save function, a problem has been fixed, which displays incorrect frame number.	
42	When a file name of Bayer data has Japanese special character, a problem has been fixed, which read as monochrome data even its data is color.	
43	When file name of MCDL or IRIG data has Japanese special character, a problem has been fixed, which fails to read data.	
<b>Miscellaneous</b>		
43	FASTCAM SA2/SA2RV Hardware Manual has been revised to 1.05E.	
44	FASTCAM SA3 Hardware Manual has been revised to 1.06E.	

End of documents