

FASTCAM-Series DRIVER CD-ROM Rev. 2.40.33			Release Note
			2006/01/11
CD-ROM Revision FASTCAM-Series DRIVER CD-ROM Rev.2.40.33 (Domestic/Overseas common shipment version)			
PFV Revision PFV Ver.2433 SDK Ver.2973			
The contents of a folder in CD-ROM			
PFV setup	PFVSETUP		
Driver	Device driver FASTCAM-Ultima1024 FASTCAM-Ultima SE FASTCAM-PCI FASTCAM-PCI R2 FASTCAM-X1280PCI FATSCAM-ultima APX FATSCAM-ultima 512 FATSCAM-512PCI FASTCAM-APX RS FASTCAM-1024PCI		
SDK	FASTCAM series correspondence SDK ,Sample code ,SDK document		
Doc	PDF file inclusion of each camera manual ,Release Note		
DirectX	Microsoft DirectX Run time		

Functional addition		Bug fixed	Others
No.	Contents		Hardware Update
FASTCAM-APX RS			
1	Bug fixed, with the FASTCAM-APX RS camera, which had caused the edge enhancement feature, which was enabled at start-up of the system, to get erroneously disabled at subsequent start-up.		
2	Bug fixed, with the FASTCAM-APX RS camera with Firmware version 1.08 or later, which caused the shutter speed to be erroneously set open when loading a PCS file.		
3	Bug fixed, with the FASTCAM-APX RS with Firmware version 1.08 or later, which had caused the Auto Exposure setting dialog to be erroneously displayed with the timing set on the slave cameras if the shutter speed of the master camera is set other than open in multiple-camera operation.		
4	Bug fixed, with the FASTCAM-APX RS, which had caused a possibility of the application ending in an abnormal manner if Pixel Gain was calibrated in a pixel resolution of other than the maximum allowable value.		
5	Bug fixed, with the FASTCAM-APX RS, which had caused the values of IRIG and MCDL to get abnormal when operating in the RANDOM CENTER or RANDOM MANUAL trigger mode.		
6	Bug fixed, with the FASTCAM-APX RS with Gigabit-Ethernet I/F, which had caused the possibility of the system failing to regain the normal operating condition in case of packet-loss.		
7	FcamGEth.dll changed (Ver.1.003)		
8	Fcam1394.dll changed (Ver.2.007)		
9	FcamOpt.dll changed (Ver.1.018)		
10	GethLib.dll changed (Ver.1.01)		
FASTCAM-1024PCI			
11	FASTCAM-1024PCI Camera version 1.02 is now supported.		Needed
12	Bug fixed, with the FASTCAM-1024 PCI, which had caused a possibility of the application ending in an abnormal manner if “Other” was selected without a sync signal being fed to Ext Sync In.		

13	Bug fixed, with the FASTCAM-1024PCI camera, which had caused the edge enhancement feature, which was enabled at start-up of the system, to get erroneously disabled at subsequent start-up.	
14	Bug fixed, with the FASTCAM-1024PCI, which had caused a possibility of the application ending in an abnormal manner if Pixel Gain was calibrated in a pixel resolution of other than the maximum allowable value.	
15	FcamPPCI.dll changed (Ver.1.005)	
FASTCAM-APX		
16	Bug fixed, with the FASTCAM-APX, which had caused the values of IRIG and MCDL to get abnormal when operating in the RANDOM CENTER or RANDOM MANUAL trigger mode.	
17	Bug fixed, with the FASTCAM-APX, which had caused a possibility of the application ending in an abnormal manner if Pixel Gain was calibrated in a pixel resolution of other than the maximum allowable value.	
18	FcamEth.dll changed (Ver.1.023)	
FASTCAM-ultima512		
19	Bug fixed, with the FASTCAM-ultima512, which had caused the values of IRIG and MCDL to get abnormal when operating in the RANDOM CENTER or RANDOM MANUAL trigger mode.	
20	Bug fixed, with the FASTCAM-ultima512, which had caused a possibility of the application ending in an abnormal manner if Pixel Gain was calibrated in a pixel resolution of other than the maximum allowable value.	
FASTCAM-512PCI		
21	Bug fixed, with the FASTCAM-512PCI, which had caused a possibility of the application ending in an abnormal manner if Pixel Gain was calibrated in a pixel resolution of other than the maximum allowable value.	
22	FcamNPCl.dll changed (Ver.1.011)	
PFV-SDK		
23	Bug fixed, with the FASTCAM-APX RS and FASTCAM-1024PCI under control from the SDK, which had caused a possibility of the application ending in an abnormal manner when an image data transfer was performed in a pixel resolution of other than the maximum allowable value.	

24	Bug fixed, with a FASTCAM system with a waveform data input board connected, which had caused a failure of waveform data being properly stored when the waveform input board was operated by an external sync.	
25	Design changed, for a FASTCAM system being operated with a waveform data input board connected, so that any value of input signal frequency can be used, rather than the frequency that was fixed to the camera's current frame rate.	
26	Design changed, for a FASTCAM system having a waveform window displayed, so that the graph-displaying area for the AutoScaling feature can be interlocked with the playback area of the playback control panel.	
27	Bug fixed which had caused the display of the header portion to get abnormal for the ISO or CSV output feature of the FileViewer when a waveform input board is being used.	
28	Bug fixed which had caused the display of the frequency and the number of samples to be incorrect when CSV was output by the FileViewer.	
29	Bug fixed which had caused a failure of the board ID code being written when CSV was output by the FileViewer.	
30	Bug fixed which had caused the channel name to be erroneously shown as "AnalogA" when ISO was output by FileViewer.	
31	Bug fixed which had caused the application to end in an abnormal manner right after storing a data file of over 2GB, which was stored after being divided, using the AVI storage feature of the FileViewer.	

End of documents