

Detail Version

DCAM-API Common Files		32 bit	64 bit
DCAMAPI.DLL	Module manager	15.3.321.4694	15.3.641.4694
DCAMCAP.EXE	C11254-10B (ORCA-D2) Adjustment tool	1.1.333.4545	1.1.653.4545
DCAMCFG.EXE	Configurator tool	14.12.340.4643	14.12.660.4643
DCAMDIG.DLL	Common module	15.3.322.4694	15.3.642.4694
DCAMTRAY.EXE	Notification tool	14.6.303.4545	14.6.623.4545
EMGREAD.EXE	EM Gain Readjustment tool	3.0.222.3343	3.0.222.3343
EXCAP.EXE	Capturing tool	4.0.334.4694	4.0.654.4694
IMG2TIFF.EXE	Conversion tool from IMG file to TIFF	4.0.336.4260	4.0.336.4260

Grabber modules	Interface		32 bit	64 bit
FGPHNX.DLL	Camera Link	Active Silicon (FireBird / Phoenix)	15.3.324.4694	15.3.644.4694
FGSAPERA.DLL		Teledyne DALSA (Xcelera-CL)	15.3.325.4694	15.3.645.4694
FGIPORT.DLL	GigE Vision		15.3.339.4694	15.3.659.4694
FG1394OH.DLL	IEEE 1394		15.3.323.4694	15.3.643.4694
FGIUSB.DLL	USB	InGaAs Camera (C10633-13/23)	15.3.341.4694	15.3.660.4694
FGUSB2.DLL		USB2.0 Board (C10990 series)	15.3.326.4694	15.3.646.4694
FGUSB3.DLL		USB3.0 (ORCA-Flash series)	15.3.327.4694	15.3.647.4694

Drivers			DLL Version	Driver Version
Active Silicon	FireBird	FBD-1XCLD-2PE8	7.5.14	1.6.0
	Phoenix	PHX-D24CL-PE1	5.58.24	
		PHX-D36-PE1	6.68.0	
		PHX-D48-PE1	5.58.24	
		PHX-D64CL-PE4(H)	6.68.0	
GigE Vision			4.0.5.3150	4.0.5.3150
IEEE 1394 OHCI			9.28.9	9.28.9
Teledyne DALSA			7.0.0.912	1.30.1.468
USB	C10990		2.12.2.3664	1.4.0
	Others		1.2.6	1.2.6

New Hardware (From v15.2)

Nothing

Driver update (From v15.2)

Nothing

Information of new Features (From v15.2)

Nothing

Bug Fixes (From v15.2)

USB3 (C11440-22CU / -42U / -50U / -52U)

Improve wasting time at changing exposure time

Unnecessary access was removed from DCAM-API module.

C11440-22CU (ORCA-Flash4.0 V2)

Firmware version 3.20 supports SOFTWARE START trigger by hardware.

If the camera is older than this version, DCAM-API emulates SOFTWARE START trigger by INTERNAL trigger mode.

C11440-10C (ORCA-Flash2.8)

Calibration process could be hanging in rare case.

This is fixed.

C10000-801 (TDI Camera)

Improve capturing start timing

DCAM waits until charge on the sensor was abandon before starting capturing.

Recording capability

Avoid hanging up when dcamcap_idle() was called if it was very close to finalizing

Inside DCAM, there is a mutex to operate recording exclusively but if the timing of finalizing recording and calling dcamcap_idle() were very close, hanging could happen. This is fixed.

Recording information was sometimes not updated at reallocating happens.

This is fixed.

Size optimizing header information in recording file

At starting recording session, DCAM recording function wasted some unnecessary data. This is optimized.