

1394 OHCI

DCAM Versions

DCAM Module 3.00.351.3190
DRIVER 3.00.361.3190

Support following cameras on MacOSX

Cameras	Nickname	400Mbps	800Mbps	Note
C10600-10B	ORCA-R2	poor	BEST	(*1)
C4742-80-12AG	ORCA-AG	good	BEST	(*2)
C4742-95-12ERG	ORCA-ERG	good	BEST	(*2)
C4742-95-12NRG	ORCA-NRG	good	BEST	(*2)
C4742-95-12G04 / -96-12G04	ORCA-285G	good	BEST	(*2)(*3)
C4742-98-ERG(2)	ORCA-II ERG	good	BEST	
C4742-98-EWG(2)	ORCA-II EWG	good	BEST	
C4742-98-2xKAG(2) / -2xKWG(2)	ORCA-II BTG 1024	good	BEST	
C4742-98-2xLAG(2) / -2xLWG(2)	ORCA-II BTG 512	good	BEST	
C8484-xxG		good	BEST	(*2)(*4)
C8484-xxG01		good	BEST	(*2)
C8484-xxG02		good	BEST	(*New)(*2)
C9440-xxG		good	BEST	(*4)

Active Silicon Phoenix

DCAM Version

DCAM Module 3.00.352.3190
DRIVER 5.58.0.3190

Support following CameraLink cameras.

Cards	Bus Type	Support Cameras				Note
AS-PHX-D24CL-PCI32(-B)	PCI 32bit	↓				
AS-PHX-D24CL-PE1	PCI Express x1		↓			
AS-PHX-D48-PCI64U(-B)	PCI 32bit/64bit, PCI-X			↓		
AS-PHX-D48-PE1	PCI Express x1				↓	
Cameras	Nickname	Supported Cards				Note
C9100-01/02/11/12		good	BEST	rich	rich	
C9100-13	ImagEM	good	BEST	rich	rich	
C9100-14	ImagEM 1K	good	BEST	rich	rich	
C9300-201/221		poor	BEST	good	rich	(*New)(*7)

Support following LVDS/RS-422 cameras.

Cards	Bus Type	Support Cameras		Note
AS-PHX-D36-PCI64U(-B)	PCI 32bit/64bit, PCI-X	↓		
AS-PHX-D36-PE1	PCI Express x1		↓	
Cameras	Nickname	Supported Cards		Note
C4742-95-12NR(B)	ORCA-NR	good	BEST	
C4742-95-12ER	ORCA-ER	good	BEST	
C4742-98-2xER	ORCA-II ER	good	BEST	
C4742-98-2xKA(2) / -2xKW(2)	ORCA-II BT 1024	good	BEST	
C4742-98-2xLA(2) / -2xLW(2)	ORCA-II BT 512	good	BEST	
C7190-2x/4x/5x		good	BEST	(*8)
C7780-xx	ORCA-3CCD	n/a	BEST	(*9)

Notes

- *New: New supported camera, from December 2008.
- *1: C10600-10B (ORCA-R2) has limitation for full performance with IEEE-1394 400Mbps port.
- *2: CRi LCD filter driving with serial port box is supported.
- *3: CRi LCD filter driving is supported.
- *4: These cameras should not be connected to Mac's on-board Firewire port because it supplies about 30V which may damage the camera. Please use a PCI Firewire Adapter card.
- *7: For dual tap, maximum performance mode, it is required to use

AS-PHX-D48CL-PCI64(-B)
AS-PHX-D48CL-PE1.
AS-PHX-D24CL-PE1.

- *8: Special Digital I/F cable for Phoenix is required:

(a) HPK cable part number: A9608-95 (Digital I/F cable for Phoenix/C7190-20)

or

(b) For C7190-2x/4x/5x, HC/ASL cable part number:

WB3021 (CABLE FOR DIG-36-PE1/DIG-36 PHOENIX BOARD AND C7190-2x/4x/5x, ORCA-100/III/ER)

or

(c) For C4742-95-12HR, HC/ASL cable part number:

WB3021-HR (CABLE FOR DIG-36-PE1/DIG-36 PHOENIX BOARD AND ORCA-HR)

with Phoenix Serial Port jumpers set for RS232 for MacOSX. For Windows, these parts and setting are recommended.

- *9: C7780 fully works with AS-PHX-D36-PCI64(-B) / -PE1 only