Read before using

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Overview

This document explains support parameter at C13440-20CU and how to control them by DCAM Properties. This document requires knowledge of basic concept of DCAM-API and SDK. If you need description about them, please reffer other documents.

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How to read the table

Property List is described according to the following rules.

1.Classfication	
2.PropertyID	3. 4. 5. 6. 7. 8.ValueType
9.PropertyValue	10.Information
Description table	

Descri	escription table			
index	item	explanation		
1	Classification	Large classification of the Property.		
2	Property ID	Property ID that camera supported.		
3	Property Ver	DCAM-API version of this Property.		
4	Readable Flag	Whether it is possible to read the value from this Property. In the case of "-" is not readable. In the case of "R" is readable.		
5	Writable Flag(Stable)	Whether it is possible to change this Property value during status is "Stable". In the case of "-" is not writable. In the case of "W" is writable.		
6	Writable Flag(Ready)	Whether it is possible to change this Property value during status is "Ready". In the case of "-" is not writable. In the case of "W" is writable.		
7	Writable Flag(Busy)	Whether it is possible to change this Property value during status is "Busy". In the case of "-" is not writable. In the case of "W" is writable.		
8	Value Type	Property value types : MODE, LONG and REAL.		
9	Property Value	ID or minimum, maximum, default, step values from this Property.		
10	Information	Additional information about this Property.		

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Property List

Sensor mode and speed		
DCAM IDPROP SENSORMODE	- R W MODE	
DCAMPROP SENSORMODE AREA (default)		
DCAMPROP SENSORMODE PROGRESSIVE		
DCAMPROP SENSORMODE SPLITVIEW		
DCAMPROP SENSORMODE DUALLIGHTSHEET		
DCAM IDPROP READOUTSPEED	- R W LONG	
1 to 2 , step 1 , default 2	When the sensor mode is PROGRESSIVE or DUALLIGHTSHEET, it works as 2 regardless of the Property value.	
DCAM_IDPROP_READOUT_DIRECTION	- R W MODE	
DCAMPROP_READOUT_DIRECTIONDIVERGE	@ DCAMPROP_SENSORMODE_AREA	
DCAMPROP_READOUT_DIRECTIONFORWARD	@ DCAMPROP_SENSORMODE_PROGRESSIV SPLITVIEW, DUALLIGHTSHEET	
DCAMPROP_READOUT_DIRECTION_BACKWARD	@ DCAMPROP_SENSORMODE_PROGRESSIVE, SPLITVIEW, DUALLIGHTSHEET	
Trigger		
DCAM_IDPROP_TRIGGERSOURCE	- R W W MODE	
DCAMPROP_TRIGGERSOURCE_INTERNAL (default)		
DCAMPROP_TRIGGERSOURCE_EXTERNAL		
DCAMPROP_TRIGGERSOURCE_SOFTWARE		
DCAMPROP_TRIGGERSOURCE_MASTERPULSE		
DCAM_IDPROP_TRIGGER_MODE	- R W W MODE	
DCAMPROP_TRIGGER_MODENORMAL (default)		
DCAMPROP_TRIGGER_MODESTART		
DCAM_IDPROP_TRIGGERACTIVE	- R W W - MODE	
DCAMPROP_TRIGGERACTIVE_EDGE (default)	ALL DCAM_IDPROP_SENSORMODE	
DCAMPROP_TRIGGERACTIVE_LEVEL	@ DCAMPROP_SENSORMODE_AREA, SPLITVIEW	
DCAMPROP_TRIGGERACTIVE_SYNCREADOUT	@ DCAMPROP_SENSORMODE_AREA, SPLITVIEW	
DCAM_IDPROP_TRIGGER_GLOBALEXPOSURE	- R W MODE	
DCAMPROP_TRIGGER_GLOBALEXPOSUREDELAYED (default)		
DCAMPROP_TRIGGER_GLOBALEXPOSUREGLOBALRESET		
DCAM_IDPROP_TRIGGERPOLARITY	- R W W MODE	
DCAMPROP_TRIGGERPOLARITY_NEGATIVE (default)		
DCAMPROP_TRIGGERPOLARITY_POSITIVE		
DCAM_IDPROP_TRIGGER_CONNECTOR	- R W W MODE	
DCAMPROP_TRIGGER_CONNECTOR_INTERFACE		
DCAMPROP_TRIGGER_CONNECTOR_BNC (default)		
DCAM_IDPROP_TRIGGERTIMES	- R W W LONG	
1 to 10000 , step 1 , default 1		
DCAM_IDPROP_TRIGGERDELAY	- R W W REAL (Second)	
0 to 10.0 , step 0.000001 , default 0	@ DCAMPROP_SENSORMODE_AREA, SPLITVIEW	
0 to 0.019859008 , step 0.000009744 , default 0.000087699	@ DCAMPROP_SENSORMODE_PROGRESSIVE, DUALLIGHTSHEET	

	Depend Hsync C			e Spe	ed an	d Line Interval, Pre
DCAM IDPROP INTERNALTRIGGER HANDLING		R	W	W	<u> </u>	MODE
DCAMPROP INTERNALTRIGGER HANDLING SHORTEREXPOSURETIME		M/	IDPF	OP S	SENSO	DRMODE
DCAMPROP INTERNALTRIGGER HANDLING INDIVIDUALEXPOSURE		MPR	OP :	SENS	ORM	ODE SPLITVIEW
Sensor cooler			_			_
DCAM_IDPROP_SENSORTEMPERATURE	-	R	-	_	_	REAL (degrees Celsius)
-50 to 100				11	1	
DCAM_IDPROP_SENSORCOOLER (at Water Cooling only)	-	R	W	W	W	MODE
DCAMPROP_SENSORCOOLEROFF						
DCAMPROP_SENSORCOOLER_ON						
DCAMPROP_SENSORCOOLER_MAX				1	1	
DCAM_IDPROP_SENSORCOOLERSTATUS	-	R	-	_		MODE
DCAMPROP_SENSORCOOLERSTATUS_OFF						
DCAMPROP_SENSORCOOLERSTATUS_READY						
DCAMPROP_SENSORCOOLERSTATUS_BUSY						
Binning and ROI						
DCAM_IDPROP_BINNING	-	R	W	_	-	MODE
DCAMPROP_BINNING1 (default)	ALL DCA	λM_	IDPF	OP_S	SENSC	DRMODE
DCAMPROP_BINNING_2	@ DCAN SPLITVIE		OP_	SENS	ORM	ODE_AREA,
DCAMPROP_BINNING4	@ DCAN SPLITVIE		OP_	SENS	ORM	ODE_AREA,
DCAM_IDPROP_SUBARRAYHPOS	-	R	W		_	LONG
0 to 2044 , step 4 , default 0	@ DCAMPROP_SENSORMODE_AREA					
0 to 2047 , step 1 , default 0	@ DCAN	ИPR	OP_	SENS	ORM	ODE_PROGRESSIVE
0 to 1920 , step 4 , default 0	@ DCAN				ORM	ODE_SPLITVIEW,
DCAM_IDPROP_SUBARRAYHSIZE	-	R	W		_	LONG
4 to 2048 , step 4 , default 2048	@ DCAN	ИPR	OP_	SENS	ORM	ODE_AREA
1 to 2048 , step 1 , default 2048	@ DCAN	ИPR	OP_	SENS	ORM	ODE_PROGRESSIVE
128 to 2048 , step 128 , default 2048	@ DCAN				ORM	ODE_SPLITVIEW,
DCAM_IDPROP_SUBARRAYVPOS	-	R	W			LONG
0 to 2044 , step 4 , default 0	@ DCAN PROGRE			SENS	ORM	ODE_AREA,
0 to 1020 , step 4 , default 0	@ DCAN				ORM	ODE_SPLITVIEW,
DCAM_IDPROP_SUBARRAYVSIZE	-	R	W		_	LONG
4 to 2048 , step 4 , default 2048	@ DCAN PROGRE			SENS	ORM	ODE_AREA,
4 to 1024 , step 4 , default 1024	@ DCAN		_		ORM(ODE_SPLITVIEW,
DCAM_IDPROP_SUBARRAYMODE	-	R	W			MODE
DCAMPROP_MODEOFF (default)						
DCAMPROP_MODE_ON						
DCAM_IDPROP_FRAMEBUNDLE_MODE (at USB 3.0 connection only)		R	W	_		MODE
DCAMPROP_MODE_OFF (default)						
DCAMPROP_MODE_ON		s or	SUE	3ARR	AY pr	operties
DCAM_IDPROP_FRAMEBUNDLE_NUMBER (at USB 3.0 connection only)	-	R	W	_		LONG
2 to 1024 , step 1 , default 2	Depend	s or	SUE	3ARR	AY pr	operties

Feature						
DCAM IDPROP EXPOSURETIME	- R W W REAL (Second)					
0.003020752 to 10.0 , step 0.00000001 , default 0.00999771	@ DCAMPROP_SENSORMODE_AREA and DCAM_IDPROP_READOUTSPEED=1 Depends on SUBARRAY properties					
0.001003669 to 10.0 , step 0.00000001 , default 0.00999771	@ DCAMPROP_SENSORMODE_AREA and DCAM_IDPROP_READOUTSPEED=2 Depends on SUBARRAY properties					
0.000009744 to 0.019956451 , step 0.00000001 , default 0.00999771	@ DCAMPROP_SENSORMODE_PROGRESSIVE Depends on INTERNALLINESPEED and INTERNAL_LINEINTERVAL, SUBARRAY properties					
0.003020752 to 6.000025263 , step 0.00000001 , default 0.00999771	@ DCAMPROP_SENSORMODESPLITVIEW and DCAM_IDPROP_READOUTSPEED=1 Depends on INTERNALTRIGGER_HANDLING and SUBARRAY properties					
0.001003669 to 2.000000842 , step 0.00000001 , default 0.00999771	@ DCAMPROP_SENSORMODE_SPLITVIEW and DCAM_IDPROP_READOUTSPEED=2 Depends on INTERNALTRIGGER_HANDLING and SUBARRAY properties					
0.000009744 to 0.009978226 , step 0.00000001 , default 0.00999771	@ DCAMPROP_SENSORMODEDUALLIGHTSHEET Depends on INTERNALLINESPEED and INTERNAL_LINEINTERVAL, SUBARRAY properties					
ALU						
DCAM IDPROP DEFECTCORRECT MODE	- R W W MODE					
DCAMPROP DEFECTCORRECT MODE OFF						
DCAMPROP DEFECTCORRECT MODE ON (default)						
DCAM IDPROP HOTPIXELCORRECT LEVEL	- R W W MODE					
DCAMPROP HOTPIXELCORRECT LEVEL STANDARD (default)						
DCAMPROP HOTPIXELCORRECT LEVEL MINIMUM						
DCAMPROP HOTPIXELCORRECT LEVEL AGGRESSIVE						
DCAM IDPROP INTENSITYLUT MODE	- R W W - MODE					
DCAMPROP INTENSITYLUT MODE THROUGH (default)						
DCAMPROP INTENSITYLUT MODE PAGE						
DCAM IDPROP INTENSITYLUT PAGE	- R MODE					
1						
DCAM_IDPROP_EXTRACTION_MODE	4.0 R MODE					
DCAMPROP_MODE_OFF						
Output Trigger						
DCAM IDPROP NUMBEROF OUTPUTTRIGGERCONNECTOR	- R LONG					
return 3	<u>, , , , , , , , , , , , , , , , , , , </u>					
DCAM IDPROP OUTPUTTRIGGER SOURCE	- R W W MODE					
DCAMPROP OUTPUTTRIGGER SOURCE READOUTEND (default)						
DCAMPROP OUTPUTTRIGGER SOURCE VSYNC						
DCAMPROP_OUTPUTTRIGGER_SOURCE_HSYNC	@ DCAMPROP_SENSORMODE_PROGRESSIVE, DUALLIGHTSHEET					
DCAMPROP OUTPUTTRIGGER SOURCE TRIGGER						
DCAM IDPROP OUTPUTTRIGGER POLARITY	- R W W MODE					
DCAMPROP OUTPUTTRIGGER POLARITY NEGATIVE (default)						
DCAMPROP OUTPUTTRIGGER POLARITY POSITIVE						
DCAM IDPROP OUTPUTTRIGGER ACTIVE	- R MODE					

DCAMPROP_OUTPUTTRIGGER_ACTIVE_EDGE	
DCAM_IDPROP_OUTPUTTRIGGER_DELAY	- R W W W REAL (Second)
0 to 10.0 , step 0.000001 , default 0	
DCAM_IDPROP_OUTPUTTRIGGER_PERIOD	- R W W W REAL (Second)
0.000001 to 10.0 , step 0.000001 , default 0.000001	
DCAM_IDPROP_OUTPUTTRIGGER_KIND	- R W W W MODE
DCAMPROP_OUTPUTTRIGGER_KIND_LOW (default)	
DCAMPROP_OUTPUTTRIGGER_KIND_EXPOSURE	
DCAMPROP_OUTPUTTRIGGER_KINDPROGRAMABLE	
DCAMPROP_OUTPUTTRIGGER_KIND_TRIGGERREADY	
DCAMPROP_OUTPUTTRIGGER_KIND_HIGH	
DCAM_IDPROP_OUTPUTTRIGGER_PREHSYNCCOUNT	- R W W W LONG
0 to 2047 , step 1 , default 0	
DCAM_IDPROP_OUTPUTTRIGGER_BASESENSOR	- R W W MODE
DCAMPROP_OUTPUTTRIGGER_BASESENSORVIEW1	
DCAMPROP_OUTPUTTRIGGER_BASESENSOR_VIEW2	
DCAMPROP_OUTPUTTRIGGER_BASESENSOR_ANYVIEW (default)	
DCAMPROP_OUTPUTTRIGGER_BASESENSORALLVIEWS	
Master Pulse	
DCAM_IDPROP_MASTERPULSE_MODE	- R W W MODE
DCAMPROP MASTERPULSE MODE CONTINUOUS (default)	
DCAMPROP MASTERPULSE MODE START	
DCAMPROP MASTERPULSE MODE BURST	
DCAM IDPROP MASTERPULSE TRIGGERSOURCE	- R W W MODE
DCAMPROP MASTERPULSE TRIGGERSOURCE EXTERNAL (default)	
DCAMPROP MASTERPULSE TRIGGERSOURCE SOFTWARE	
DCAM IDPROP MASTERPULSE INTERVAL	- R W W REAL (Second)
0.00001 to 10.0 , step 0.000001 , default 0.1	
DCAM IDPROP MASTERPULSE BURSTTIMES	- R W W LONG
1 to 10000 , step 1 , default 1	
Synchronous timing	
DCAM IDPROP TIMING READOUTTIME	- R REAL (Second)
return seconds how long takes to reading out a frame.	
DCAM IDPROP TIMING CYCLICTRIGGERPERIOD	- R REAL (Second)
return seconds which period cyclic trigger happens in.	The Act (Second)
DCAM IDPROP TIMING MINTRIGGERBLANKING	- R REAL (Second)
return seconds required minimum trigger blanking.	IN INEXE (Second)
DCAM IDPROP TIMING MINTRIGGERINTERVAL	- R REAL (Second)
return seconds required minimum trigger interval.	- IN INEAL (Second)
DCAM IDPROP TIMING GLOBALEXPOSUREDELAY	- R REAL (Second)
	- R REAL (Second)
return seconds how long takes to start global exposure. DCAM IDPROP TIMING EXPOSURE	- R MODE
	- R - - NIODE
DCAMPROP_TIMING_EXPOSURE_ROLLING	D D DEAL (C. D.
DCAM_IDPROP_TIMING_INVALIDEXPOSUREPERIOD	- R R REAL (Second)
return seconds of period which exposure is not started from trigger.	
DCAM_IDPROP_INTERNALFRAMERATE	- R W W W REAL (Hz)
return number of frames per second in INTERNAL trigger mode.	@ DCAMPROP_SENSORMODE_AREA, SPLITVIEW Read Only when sensor mode is AREA or SPLITVIEW.

20.035817413 to 33.276088453, step 0	@ DCAMPROP_SENSORMODE_PROGRESSIVE Depends on INTERNALLINESPEED and INTERNAL_LINEINTERVAL					
25.054552096 to 49.865614232, step 0	@ DCAMPROP_SENSORMODE_DUALLIGHTSHEET Depends on INTERNALLINESPEED and INTERNAL_LINEINTERVAL					
DCAM_IDPROP_INTERNAL_FRAMEINTERVAL	- R W W REAL (Second)					
return seconds of interval between frames in INTERNAL trigger mode.	@ DCAMPROP_SENSORMODE_AREA, SPLITVIEW Read Only when sensor mode is AREA or SPLITVIEW.					
0.030051609 to 0.049910617, step 0	@ DCAMPROP_SENSORMODEPROGRESSIVE Depends on INTERNALLINESPEED and INTERNAL_LINEINTERVAL					
0.020053899 to 0.039912907, step 0	@ DCAMPROP_SENSORMODEDUALLIGHTSHEET Depends on INTERNALLINESPEED and INTERNAL_LINEINTERVAL					
DCAM_IDPROP_INTERNALLINESPEED	- R W W REAL (m/s)					
return speed on the sensor.	@ DCAMPROP_SENSORMODEAREA, SPLITVIEW Read Only when sensor mode is AREA or SPLITVIEW.					
0.000065 to 0.667052469, step 0	@ DCAMPROP_SENSORMODEPROGRESSIVE, DUALLIGHTSHEET					
DCAM_IDPROP_INTERNAL_LINEINTERVAL	- R W W REAL (Second)					
return seconds of interval between two lines timings.	@ DCAMPROP_SENSORMODE_AREA, SPLITVIEW Read Only when sensor mode is AREA or SPLITVIEW.					
0.000009744 to 0.1, step 0.00000004	@ DCAMPROP_SENSORMODE_PROGRESSIVE, DUALLIGHTSHEET					
System Information						
	- R MODE					
DCAM IDPROP COLORTYPE	- R - - - MODE					
DCAM_IDPROP_COLORTYPE BW	- R - - - MODE					
DCAMPROP_COLORTYPE_BW						
DCAMPROP_COLORTYPE_BW DCAM_IDPROP_BITSPERCHANNEL	- R W LONG					
DCAMPROP_COLORTYPE_BW DCAM_IDPROP_BITSPERCHANNEL 12 to 16 , step 4 , default 16	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12					
DCAMPROP_COLORTYPE_BW DCAM_IDPROP_BITSPERCHANNEL 12 to 16, step 4, default 16 8 to 8, step 0, default 8	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8					
DCAMPROP_COLORTYPE_BW DCAM_IDPROP_BITSPERCHANNEL 12 to 16 , step 4 , default 16 8 to 8 , step 0 , default 8 DCAM_IDPROP_IMAGE_WIDTH	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8					
DCAMPROP_COLORTYPE_BW DCAM_IDPROP_BITSPERCHANNEL 12 to 16, step 4, default 16 8 to 8, step 0, default 8 DCAM_IDPROP_IMAGE_WIDTH return width pixel of current setting	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8 - R LONG					
DCAMPROP_COLORTYPE_BW DCAM_IDPROP_BITSPERCHANNEL 12 to 16 , step 4 , default 16 8 to 8 , step 0 , default 8 DCAM_IDPROP_IMAGE_WIDTH return width pixel of current setting DCAM_IDPROP_IMAGE_HEIGHT	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8 - R LONG					
DCAMPROP_COLORTYPE_BW DCAM_IDPROP_BITSPERCHANNEL 12 to 16, step 4, default 16 8 to 8, step 0, default 8 DCAM_IDPROP_IMAGE_WIDTH return width pixel of current setting DCAM_IDPROP_IMAGE_HEIGHT return height line of current setting	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8 - R LONG - R LONG					
DCAMPROP_COLORTYPE_BW DCAM_IDPROP_BITSPERCHANNEL 12 to 16 , step 4 , default 16 8 to 8 , step 0 , default 8 DCAM_IDPROP_IMAGE_WIDTH return width pixel of current setting DCAM_IDPROP_IMAGE_HEIGHT return height line of current setting DCAM_IDPROP_IMAGE_ROWBYTES	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8 - R LONG					
DCAMPROP_COLORTYPE_BW DCAM_IDPROP_BITSPERCHANNEL 12 to 16 , step 4 , default 16 8 to 8 , step 0 , default 8 DCAM_IDPROP_IMAGE_WIDTH return width pixel of current setting DCAM_IDPROP_IMAGE_HEIGHT return height line of current setting DCAM_IDPROP_IMAGE_ROWBYTES return horizontal rowbytes of current setting	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8 - R LONG - R LONG - R LONG					
DCAMPROP_COLORTYPE_BW DCAM_IDPROP_BITSPERCHANNEL 12 to 16 , step 4 , default 16 8 to 8 , step 0 , default 8 DCAM_IDPROP_IMAGE_WIDTH return width pixel of current setting DCAM_IDPROP_IMAGE_HEIGHT return height line of current setting DCAM_IDPROP_IMAGE_ROWBYTES return horizontal rowbytes of current setting DCAM_IDPROP_IMAGE_FRAMEBYTES	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8 - R LONG - R LONG - R LONG					
DCAMPROP_COLORTYPE_BW DCAM_IDPROP_BITSPERCHANNEL 12 to 16 , step 4 , default 16 8 to 8 , step 0 , default 8 DCAM_IDPROP_IMAGE_WIDTH return width pixel of current setting DCAM_IDPROP_IMAGE_HEIGHT return height line of current setting DCAM_IDPROP_IMAGE_ROWBYTES return horizontal rowbytes of current setting DCAM_IDPROP_IMAGE_FRAMEBYTES return bytes per frame of current setting	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8 - R LONG - R LONG - R LONG - R LONG					
DCAMPROP_COLORTYPE_BW DCAM_IDPROP_BITSPERCHANNEL 12 to 16 , step 4 , default 16 8 to 8 , step 0 , default 8 DCAM_IDPROP_IMAGE_WIDTH return width pixel of current setting DCAM_IDPROP_IMAGE_HEIGHT return height line of current setting DCAM_IDPROP_IMAGE_ROWBYTES return horizontal rowbytes of current setting DCAM_IDPROP_IMAGE_FRAMEBYTES return bytes per frame of current setting DCAM_IDPROP_IMAGE_TOPOFFSETBYTES	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8 - R LONG - R LONG - R LONG					
DCAM_IDPROP_BITSPERCHANNEL 12 to 16 , step 4 , default 16 8 to 8 , step 0 , default 8 DCAM_IDPROP_IMAGE_WIDTH return width pixel of current setting DCAM_IDPROP_IMAGE_HEIGHT return height line of current setting DCAM_IDPROP_IMAGE_ROWBYTES return horizontal rowbytes of current setting DCAM_IDPROP_IMAGE_FRAMEBYTES return bytes per frame of current setting DCAM_IDPROP_IMAGE_TOPOFFSETBYTES return offset bytes size to point first data in image	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8 - R LONG - R LONG - R LONG - R LONG					
DCAM_IDPROP_BITSPERCHANNEL 12 to 16 , step 4 , default 16 8 to 8 , step 0 , default 8 DCAM_IDPROP_IMAGE_WIDTH return width pixel of current setting DCAM_IDPROP_IMAGE_HEIGHT return height line of current setting DCAM_IDPROP_IMAGE_ROWBYTES return horizontal rowbytes of current setting DCAM_IDPROP_IMAGE_FRAMEBYTES return bytes per frame of current setting DCAM_IDPROP_IMAGE_TOPOFFSETBYTES return offset bytes size to point first data in image DCAM_IDPROP_IMAGE_PIXELTYPE	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8 - R LONG - R LONG - R LONG - R LONG					
DCAM_IDPROP_BITSPERCHANNEL 12 to 16 , step 4 , default 16 8 to 8 , step 0 , default 8 DCAM_IDPROP_IMAGE_WIDTH return width pixel of current setting DCAM_IDPROP_IMAGE_HEIGHT return height line of current setting DCAM_IDPROP_IMAGE_ROWBYTES return horizontal rowbytes of current setting DCAM_IDPROP_IMAGE_FRAMEBYTES return bytes per frame of current setting DCAM_IDPROP_IMAGE_TOPOFFSETBYTES return offset bytes size to point first data in image DCAM_IDPROP_IMAGE_PIXELTYPE DCAM_IDPROP_IMAGE_PIXELTYPE DCAM_PIXELTYPE_MONO8	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8 - R LONG - R LONG - R LONG - R LONG					
DCAM_IDPROP_BITSPERCHANNEL 12 to 16, step 4, default 16 8 to 8, step 0, default 8 DCAM_IDPROP_IMAGE_WIDTH return width pixel of current setting DCAM_IDPROP_IMAGE_HEIGHT return height line of current setting DCAM_IDPROP_IMAGE_ROWBYTES return horizontal rowbytes of current setting DCAM_IDPROP_IMAGE_FRAMEBYTES return bytes per frame of current setting DCAM_IDPROP_IMAGE_TOPOFFSETBYTES return offset bytes size to point first data in image DCAM_IDPROP_IMAGE_PIXELTYPE DCAM_PIXELTYPE_MONO8 DCAM_PIXELTYPE_MONO16 (default)	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8 - R LONG - R LONG - R LONG - R LONG					
DCAM_IDPROP_BITSPERCHANNEL 12 to 16, step 4, default 16 8 to 8, step 0, default 8 DCAM_IDPROP_IMAGE_WIDTH return width pixel of current setting DCAM_IDPROP_IMAGE_HEIGHT return height line of current setting DCAM_IDPROP_IMAGE_ROWBYTES return horizontal rowbytes of current setting DCAM_IDPROP_IMAGE_FRAMEBYTES return bytes per frame of current setting DCAM_IDPROP_IMAGE_TOPOFFSETBYTES return offset bytes size to point first data in image DCAM_IDPROP_IMAGE_PIXELTYPE DCAM_PIXELTYPE_MONO8	- R W LONG @ DCAM_PIXELTYPE_MONO16, MONO12 @ DCAM_PIXELTYPE_MONO8 - R LONG - R LONG - R LONG - R LONG					

23/12/12 14:22 Property for C	J13440-20C
DCAM_IDPROP_BUFFER_FRAMEBYTES	4.0 R LONG
return byte size of a frame buffer that should be allocated when you use dcambuf_attach() function	
DCAM_IDPROP_BUFFER_TOPOFFSETBYTES	4.0 R LONG
return unnecessary data size in front of the actual image data	
DCAM_IDPROP_BUFFER_PIXELTYPE	4.0 R MODE
DCAM_PIXELTYPE_MONO8	
DCAM_PIXELTYPE_MONO16	
DCAM_PIXELTYPE_MONO12	
DCAM_IDPROP_RECORDFIXEDBYTES_PERFILE	4.0 R LONG
return additional data size per a file	
DCAM_IDPROP_RECORDFIXEDBYTES_PERSESSION	4.0 R LONG
return additional data size per a session	
DCAM_IDPROP_RECORDFIXEDBYTES_PERFRAME	4.0 R LONG
return additional data size per a frame	
DCAM_IDPROP_SYSTEM_ALIVE	- R MODE
DCAMPROP_SYSTEM_ALIVE_OFFLINE	
DCAMPROP_SYSTEM_ALIVE_ONLINE	
DCAM_IDPROP_CONVERSIONFACTOR_COEFF	- R REAL
return current conversion factor coefficient	
DCAM_IDPROP_CONVERSIONFACTOR_OFFSET	- R REAL
return current conversion factor offset	
DCAM_IDPROP_NUMBEROF_VIEW	- R LONG
return number of view	
DCAM_IDPROP_IMAGEDETECTOR_PIXELWIDTH	4.0 R REAL (um)
return 6.5	
DCAM_IDPROP_IMAGEDETECTOR_PIXELHEIGHT	4.0 R REAL (um)
return 6.5	
DCAM_IDPROP_IMAGEDETECTOR_PIXELNUMHORZ	4.0 R LONG
return 2048	
DCAM_IDPROP_IMAGEDETECTOR_PIXELNUMVERT	4.0 R LONG
return 2048	
DCAM_IDPROP_TIMESTAMP_PRODUCER	4.0 R MODE
DCAMPROP_TIMESTAMP_PRODUCERDCAMMODULE	
DCAMPROP_TIMESTAMP_PRODUCERIMAGINGDEVICE	
DCAM_IDPROP_FRAMESTAMP_PRODUCER	4.0 R MODE
DCAMPROP_FRAMESTAMP_PRODUCERDCAMMODULE	
DCAMPROP_FRAMESTAMP_PRODUCER_IMAGINGDEVICE	

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