

Optronis CR4000x2

High Speed Camera System

2304 x 1720 up to 500 frames per second (fps)



CamRecord CR4000x2 Features

CMOS Sensor

2304 X 1720 @ 500fps

1280 x 720 @ 1000fps

7 µm - all Active Pixels

Bit Depth

8-bit or 10bit

Adjustable Electronic Shutter

down to 2µs

GigaBit Ethernet Interface

Lens Mount

C-Mount OR F-Mount supporting "G type"

Compact Housing

145 x 95 x 78mm

Synchronisation

Internal and external sync recording

Light Sensitivity

ISO 1500 Mono

ISO 500 Colour

Power

12VDC / 12W

Memory

8GB or 16GB

145 x 95 x 78.5mm; 1050g



CamRecord CR4000x2

High Speed Camera System

Frame Rate	Available Resolution (examples)		Record Time Sec (8 bit)	
	FPS	Hor.	Vert.	8GB
100	2304	1720		21.20
250	2304	1720		8.48
500	2304	1720		4.24
800	1920	1080		5.06
1,000	2304	864		4.22
1,000	1280	720		9.11
1,500	2304	572		4.25
2,000	2304	428		4.26
2,500	2304	340		4.29
3,000	2304	284		4.28
4,000	2304	212		4.30
5,000	2304	168		4.34
6,000	2304	140		4.34
8,000	2304	104		4.38
10,000	2304	80		4.56
15,000	2304	52		4.67
20,000	2304	40		4.56
25,000	2304	28		5.21
30,000	2304	24		5.06
40,000	2304	16		5.70
50,000	2304	12		6.08
75,000	2304	8		6.08
100,000	2304	4		9.11

The above are some common format examples

* Note: Recording Time Depends on Memory Configuration, Resolution, Frame Rate and Image Bit Depth.

Recording Time (seconds) = [(Memory Configuration X 1024 X 1,000,000) / (Bytes/Frame)] / (Frames/Second)
Bytes/Frame= (Horizontal pixels X Vertical Pixels X Bit Depth/8)



NAC Deutschland GmbH
Hedelfingerstr. 54-70
70327 Stuttgart
Germany
Tel: +49 (0)711 2201 885
E-mail: rwestphal@nacinc.de
www.nacinc.eu