

# Optronis CR3000x2

High Speed Camera System

1696 x 1710 up to 543 frames per second (fps)



## CamRecord CR3000x2 Features

### CMOS Sensor

1696 X 1710 @ 500fps  
8 µm - all Active Pixels

### Bit Depth

8-bit

### 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 CR3000x2

## High Speed Camera System

Frame Rate	Available Resolution (examples)		Record Time Sec (8 bit)		
	FPS	Hor.	Vert.	8GB	16GB
100	1696	1710		28.96	57.93
250	1696	1710		11.59	23.17
500	1696	1710		5.79	11.59
1,000	1440	1074		5.43	10.86
1,500	1200	810		5.76	11.52
2,000	1056	702		5.67	11.33
2,500	928	626		5.78	11.57
3,000	800	590		5.93	11.86
4,000	736	474		6.02	12.04
5,000	608	438		6.31	12.62
6,000	544	394		6.53	13.06
8,000	480	326		6.71	13.42
10,000	352	322		7.41	14.82
10,000	608	214		6.46	12.91
15,000	352	206		7.72	15.45
20,000	224	206		9.10	18.20
25,000	288	138		8.45	16.91
30,000	224	126		9.92	19.84
40,000	160	110		11.93	23.86
50,000	96	106		16.51	33.02
60,000	96	78		18.70	37.39
80,000	96	50		21.88	43.75
100,000	96	34		25.74	51.47

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)



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