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# HotShot 1024cc

1024 x 1024 up to 300 frames per second (fps)



## HotShot 1024 CC Features

### CMOS Sensor

1024 X 1024 @ 300fps  
all Active Pixels

### Bit Depth

10 - bit

### Adjustable Electronic Shutter

down to 2us

### 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

### Simple Intuitive Control Software

Including Auto Tracking Function to  
measure, Acceleration, Velocity and  
Displacement

### Light Sensitivity

ISO 4000 Mono  
ISO 1000 Colour

### Power

12VDC / 12W



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## High Speed Camera System

Frame Rate	Available Resolution (examples)		Record Time Sec (8 bit)		
	FPS	Hor.	Vert.	4GB	8GB
100	1024	1024	40.21	80.41	160.83
250	1024	1024	16.08	32.17	64.33
300	1024	1024	13.40	26.80	53.61
500	1024	768	10.72	21.44	42.89
1,000	800	600	8.78	17.57	35.13
1,500	600	400	11.71	23.42	46.84
2,000	600	400	8.78	17.57	35.13
3,000	400	256	13.72	27.45	54.90
5,000	320	200	13.18	26.35	52.70
10,000	160	100	26.35	52.70	105.40

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)

