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# HotShot MegaX3cc

1280 x 1024 up to 1000 frames per second (fps)



## HotShot MegaX3 CC Features

### CMOS Sensor

1280 X 1024 @ 1000fps  
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 1500 Mono  
ISO 500 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.		8GB	16GB
100	1280	1024			64.09	128.17
250	1280	1024			25.63	51.27
500	1280	1024			12.82	25.63
1,000	1280	1024			6.41	12.82
1,500	1280	720			6.08	12.15
2,000	800	600			8.75	17.50
4,000	600	400			8.75	17.50
6,000	400	300			11.67	23.33
8,000	384	256			10.68	21.36
10,000	320	200			13.13	26.25
20,000	160	100			26.25	52.50

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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