



Providing quality and
reliability since 1958

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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HotShot 1024 CC

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)



nac
Image Technology
The visible difference

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