



Providing quality and
reliability since 1958

HotShot 1700cc

1696 x 1710 up to 500 frames per second (fps)
Max 100,000fps



HotShot 1700 CC Features

CMOS Sensor

1696 X 1710 @ 500fps
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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HotShot 1700 CC

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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