

HotShot 1024 cc

The Hotshot cc series from
Motion Imaging Corporation:
The family of ruggedized, compact high-
speed camera systems.

HotShot 1024 cc FEATURES

CMOS Sensor: 1024 X 1024 —
all Active Pixels

Reliable

Easy-to-Use

Bit Depth: 10-bit

Electronic Shutter:
OPEN to 2µsec

Multiple Trigger Modes

Synchronization: Internal and
external sync recording

Interface: Gigabit Ethernet

Lens Mount : C-Mount,
F-Mount with Adapter,
AFG Mount available

Compact Housing

Ruggedized:
Sealed camera core, uses no fans.



The HotShot line of high-speed digital video cameras provides the user with affordably priced high-speed video. The HotShot cc features high frame rates, high resolutions and long record times... all in an extremely compact package!

The extremely reliable HotShot 1024 cc records brilliant color images or crisp monochrome images at 300 fps with resolutions up to 1024 x 1024 pixels. The HotShot 1024 cc is a versatile, easy-to-use camera system, that provides affordably priced high-speed video solutions to a broad array of users. Camera applications include: biomechanics, general research and test, machine design, production line maintenance, packaging and many, many more!

*When it comes to reliable, high-quality, high-speed camera systems,
make the proven choice with NAC and you'll see the visible difference!*



HotShot 1024 cc

Frame Rate/Resolution Table



HotShot 1024 cc		
Max Res (pixels)	1024 X 1024	
Optical Format	20.2 mm	
fps @ Max Res	300	
Gpix/ sec @ Max Res	.31	
	Mono	Color
ISO Rating	4,000	1,000
Memory Options	2GB, 4GB, 8GB, 16GB	
Max fps	10,000	

Imaging Formats	fps @ Format
1024 x 1024	100
1024 x 1024	250
1024 x 1024	300
1024 x 768	500
800 x 600	1,000
600 x 400	1,500
600 x 400	2,000
400 x 256	3,000
320 x 200	5,000
160 x 100	10,000

* 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) / (Resolution/Frame)] / (Frames/Second)
 Resolution/Frame (Bytes) = (Horizontal pixels X Vertical Pixels X Bit Depth/8)

Motion Imaging Corporation
 HotShot cc High Speed Camera Systems also Feature:

- Adjustable Frame Rates
- Fast Gig-E Interface
- Continuous Live Video Output
- Interface - Gigabit Ethernet
- Memory Segmentation
- Remote Control via PC
- Internal and External Sync Recording
- Trigger Switch - TTL, switch, open collector, rising or falling edge, on image content variation
- Lens Mount C-mount, F-Mount with adapter, AFG Mount available
- Optional -Lab View Driver
- Power 12 VDC/12 W
- Compact, Rugged Design - 1.1kg 145W x 95H x 78.5D(mm)
- Intuitive Capture and Control software
- Analysis Software for 2D tracking of velocity, acceleration and displacement.

Please Note: Specifications described above are preliminary and subject to change.



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