HotShot Mega X3 cc

The most experienced name
in high speed cameras

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

HotShot Mega X3 cc
FEATURES

CMOS Sensor: 1280 X 1024 — all Active Pixels

Reliable

Easy-to-Use

Bit Depth: 8-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 avalable

Compact Housing

Ruggedized: Sealed camera core, uses no fans.

Optional: LabView Driver

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 Mega X3 cc records brilliant color images or crisp monochrome images at 1,000 fps with resolutions up to 1280 x 1024 pixels. The HotShot Mega X3 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 Mega X3 cc

Frame Rate/Resolution Table

HotShot Mega X3 cc		
Max Res (pixels)	1280 X 1024	
Optical Format	13.11 mm	
fps @ Max Res	1,000	
Gpix/ sec @ Max Res	1.31	
	Mono	Color
ISO Rating	2,000	500
Memory Options	2GB, 4GB, 8GB, 16GB	
Max fps	20,000	

Imaging Formats	fps @ Format
1280 x 1024	100
1280 x 1024	250
1280 x 1024	500
1280 x 1024	1,000
1280 x 720	1,500
800 x 600	2,000
600 x 400	4,000
400 x 300	6,000
384 x 256	8,000
320 x 200	10,000
160 x 100	20,000

* 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.

mic
Motion Imaging and Analysis

Visit our website at www.nacinc.com

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

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