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Motion Imaging and Analysis

Motion Imaging Corporation introduces…
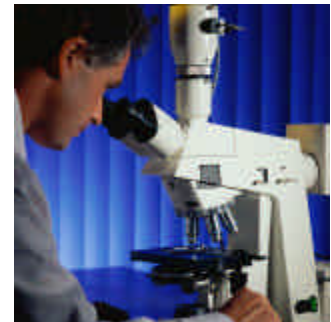# the HotShot 800 cc

MIC's new line of high-speed digital video cameras provides the user with affordably priced high-speed video featuring optimal light sensitivity and long record times … all in one extremely compact package!

MIC's HotShot **800 cc** is designed to be an easy-to-use, high-speed video solution for research, test and production customers. The HotShot 800 cc camera and recording system provides the user with an affordably priced versatile and reliable high-speed video system in an extremely compact package.

The HotShot **800 cc** records brilliant color images or crisp monochrome images at resolutions up to 800 x 600 pixels and frame rates up to 2000 fps at 600 x 400 pixels.

- **1000 fps at full resolution**
- **Resolution 800 x 600 pixels**
- **Very compact housing**
- **Very high light sensitivity**
- **Gigabit Ethernet Interface**
- **Available in both Monochrome / Color**
- **Up to 16 GB Internal Memory**
- **User friendly HotShot Link Capture & Analysis Software**

HotShot 800 cc Features and Specifications

Resolution	800 x 600 Pixels
Frame Rate @ Maximum Resolution	1000 fps
Onboard Memory	2GB / 4GB / 8GB / 16GB
Recording Time	Up to 32 seconds
Image Sensor	Progressive Scan CMOS
Exposure Time	2 µs—1/Framerate
Active Area	11.2 mm x 8.4mm
Sensor Diagonal Dimension	14.0 mm
Pixel Size	14 µm x 14 µm
Storage Bit Depth	8 Bit
Sensor Bit Depth	10 Bit
Sensitivity	ISO 4000 Mono, ISO 1000 Color
Shutter	Global electronic, >2µs exposure time
Trigger Signal	TTL, switch, open collector, rising or falling edge, on image content variation
Synchronization	Internal, external
Interface	Gigabit Ethernet
Video Output	VGA
Power	12 VDC / 12 W
Lens Mount	C-Mount, F-Mount with Adapter
Weight	< 2.5 lbs.
Operating Temperature	32—104 degrees F
Humidity	< 80% relative, non-condensed
Dimensions	145mm x 95mm x 78.5mm
Conformity	CE, RoHS

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