



## HotShot 2300 cc

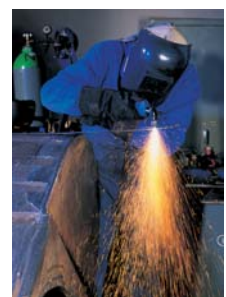
**The HotShot line of high-speed digital video cameras from Motion Imaging Corporation provides the user with affordably priced high-speed video featuring Mega Pixel resolution and fast frame rates... all in one extremely compact package!**

MIC's HotShot **2300 cc** is designed to be an easy-to-use, high-speed video solution for research, test and production customers. The HotShot **2300 cc** camera and recording system provides the user with an affordably priced versatile and reliable high-speed video system including: biomechanics, research, test, design, production, packaging and many more!

The HotShot **2300 cc** records brilliant color images or crisp monochrome images at resolutions up to 2304 x 1720 pixels and frame rates up to 60,000 fps at reduced resolutions.



- **500 fps at full resolution**
- **800 fps with full HD resolution**
- **Very compact housing**
- **4 Mega Pixel sensor resolution**
- **Gigabit Ethernet Interface**
- **Available in Monochrome or Color**
- **Intuitive Capture and Control Software**
- **Analysis Software for 2D Tracking of Velocity, Acceleration & Displacement**



## HotShot 2300 cc Features and Specifications

Resolution	2304 x 1720 Pixels
Frame Rate @ Maximum Resolution	500 fps
Onboard Memory	2GB / 4GB / 8GB
Maximum frame rate	60,000
Image Sensor	Progressive Scan CMOS 1.3"
Exposure Time	2 $\mu$ s—1/Framerate
Active Area	16.13 mm x 12.04mm
Sensor Diagonal Dimension	20.12 mm
Pixel Size	7 $\mu$ m
Storage Bit Depth	8 Bit
Sensor Bit Depth	10 Bit
Sensitivity	ISO 800 Mono, ISO 150 Color
Shutter	Global electronic, min 2 $\mu$ s 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
Optional	LabView Driver



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