

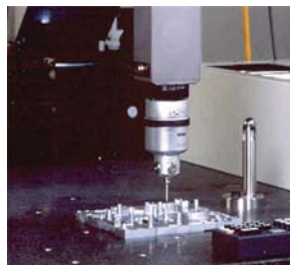
The HotShot line of high-speed digital video cameras from Motion Imaging Corporation provides the user with affordably priced high-speed video featuring high frame rates, high resolutions and long record times... all in one extremely compact package!

MIC's HotShot 1280 cc is designed to be an easy-to-use, high-speed video solution for research, test and production customers. The HotShot 1280 cc camera and recording system provides the user with an affordably priced versatile and reliable high-speed video system for a variety of applications including: biomechanics, research, test, design, production, packaging and many more!.

The HotShot 1280 cc records brilliant color images or crisp monochrome images at resolutions up to 1280 x 1024 pixels standard - frame rates up to 100,000 fps at reduced resolutions and recording times up to 60 seconds!



- **500 fps at full resolution**
- **Compact Camera Body < 2.5 lbs**
- **Extremely Light Sensitive**
- **Gigabit Ethernet Interface**
- **Available in Monochrome or Color**
- **Up to 16 GB Internal Memory for longer record times**
- **Intuitive Capture and Control Software**
- **Analysis Software for 2D Tracking of Velocity, Acceleration & Displacement**



HotShot 1280 cc Features and Specifications

Resolution	1280 x 1024 Pixels
Frame Rate @ Maximum Resolution	500 fps
Onboard Memory	2GB / 4GB / 8GB / 16GB
Maximum frame rate	100,000
Image Sensor	Progressive Scan CMOS 1.4"
Exposure Time	2 μ s—1/Framerate
Active Area	19.92mm x 14.34mm
Sensor Diagonal Dimension	22.95 mm
Pixel Size	14 μ m
Storage Bit Depth	8 Bit
Sensor Bit Depth	10 Bit
Sensitivity	ISO 4000 Mono, ISO 1000 Color
Shutter	Global electronic, > 2 μ 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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