



Motion Imaging Corporation introduces... the HotShot 512 cc

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

MIC's HotShot 512 cc is designed to be an easy-to-use, high-speed video solution for research, test and production customers. The HotShot 512 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 512 cc records brilliant color images or crisp monochrome images at resolutions up to 512 x 512 pixels standard at 5000 frame per second - with frame rates up to 300,000 fps at reduced resolutions!



- **5000 fps at full resolution**
- **Up to 600,000 fps option for monochrome version**
- **Very compact housing**
- **Gigabit Ethernet Interface**
- **Available in both Monochrome / Color**
- **Up to 16 GB Internal Memory for longer record times**
- **User friendly HotShot Link Capture & Analysis Software**



HotShot 512 cc Features and Specifications

Resolution	512 x 512 Pixels
Frame Rate @ Maximum Resolution	5000 fps
Onboard Memory	2GB / 4GB / 8GB / 16GB
Maximum frame rate	300,000
Image Sensor	Progressive Scan CMOS 2/3"
Exposure Time	2 μ s—1/Framerate
Active Area	8.19 mm x 8.19mm
Sensor Diagonal Dimension	11.58 mm
Pixel Size	16 μ m
Storage Bit Depth	8 Bit
Sensor Bit Depth	10 Bit
Sensitivity	ISO 1650 Mono, ISO 400 Color
Shutter	Global electronic, 2 μ s
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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