

# Mega Speed MS95K

## High Speed Camera

1000 fps @ 4 Mega Pixel Resolution  
Sensitivity ISO 10,000 monochrome, 5000 colour



### Frame Rate Summary for 16GB. Double time for 32GB

1000 fps @ 2560x1600 – 4 sec record buffer  
1577 fps @ 1280x1024 – 8.3 sec record buffer  
2240 fps @ 1280x720 – 8.3 sec record buffer  
3143 fps @ 512x512 – 20 sec record buffer  
6647 fps @ 320x240 – 33 sec record buffer  
12,287 fps @ 320x128 – 33 sec record buffer  
Up to 200,000 fps at reduced resolutions

**Note:** Maximum speed is affected only by image height. 1920x128 can also be captured at 12,287 fps.

### Specifications

Sensor Type:	CMOS B/W or Colour (Must be one or the other)
Pixel Size:	11µm x 11µm – 4/3 inch sensor format
Sensitivity:	Monochrome ISO 10,000, Colour ISO 5,000
Shutter Speed:	Global Electronic Shutter 1 µs to 1 second in 1 µs steps
Maximum Resolution:	2560 x 1600
Internal Memory:	16GB RAM
Spectral Response:	400nm to 800nm
Bit Depth:	10 bits
Lens Mount:	C-mount or F-mount for type D or G lenses
Camera Size:	100x100x150mm      Weight: 900 grams
Power requirements:	3 amps at 11.2–13 volt DC

Optional SATA Internal Solid State Back-Up Drives

IRIG B ready, accuracy greater than 0.1 milliseconds

Sync in/out and TTL trigger available at back of camera

Pre/Post Trigger Modes

Shock Rating: 100g for 10 milliseconds (Optional)

File Saving: User can save in RAW, AVI, JPEG, BMP or MP4

Playback speeds: User selectable from 1 to 1000 fps for fast video review

PC requirements: Windows XP, 7, 8 or 10, 2GHz, 8GB RAM, 1TB HDD

Gigabit Ethernet: RJ45 input for supplied Cat 6 cable

Camera Software: Provides Camera control, Image analysis, Data acquisition, Object tracking, AVI editing, Note tagging and MP4 compression

## Slow Motion Cameras Australia

Brisbane

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