MEGA SPEED®

MAX V3

Our Fastest Hand Held 1080P Camera!

Mega Speed's fastest portable 1080P camera features Mega Speed's Direct-To-Drive recording technology which in many applications eliminates the need for traditional record/save cycles found in most other high speed cameras

Direct To Drive Speed Chart

Min FPS: 20			Record Time (Minutes)
Width*	Height	Max FPS	2 TB / 4TB SSD
1920	1080	300	15 / 30
1280	1024	600	15 / 30
1280	720	700	15 / 30
832	600	1200	15 / 30
640	480	2200	15 / 30

Direct To SDRAM SpeedChart

Min FPS: 20			Record Time (Seconds)
Width*	Height	Max FPS	32GB / 64GB SDRAM
1920	1080	3000	5 / 10
1280	1024	3100	8 / 16
1280	720	4000	8.4 / 16.8
832	600	5000	11.4 / 22.8
640	480	6400	15 / 30





MAX V3
3000 FPS

1080P
Full HD

Understanding the Difference

The Mega Speed MAX V3 camera can save high speed video in either one of two ways. The first way is to save the video to the cameras SDRAM for 5 to 10 seconds, stop the recording, review the download video and then record again. This works great for applications that require the cameras highest frame rate possible.

The second way that the Mega Speed MAX V3 can save your high speed video is to stream it (save) directly to the internal FLASH RAM NVME drive every time you press the record button. With Mega Speed's Direct-to-Drive Streaming technology there is no wait time lost during the download cycle. The video data is immediately saved to the drive as it is recorded. Great for longer term recording to catch intermittent production issues.

Https://www.megaspeedusa.com/

Ph#: 1-800-565-2772

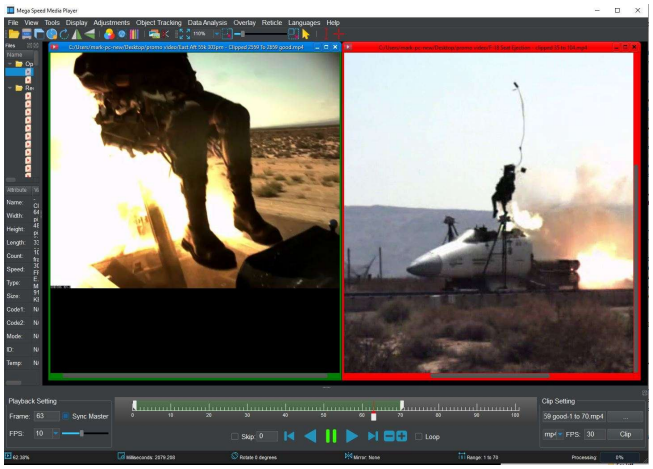
EM: sales@megaspeedusa.com

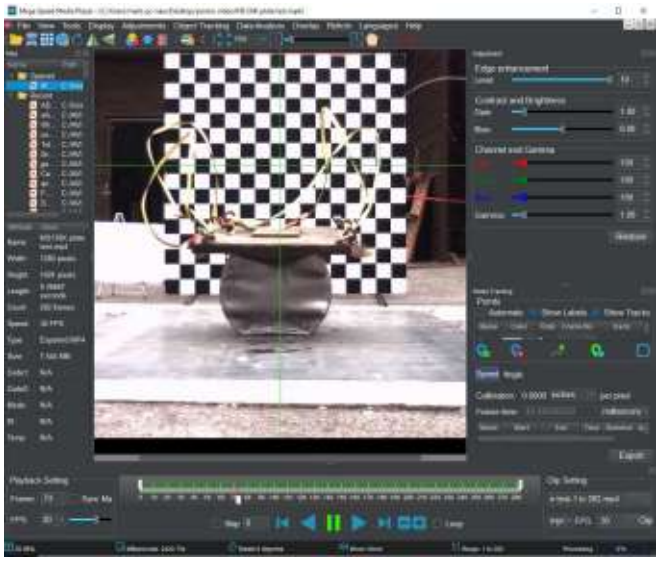
Mega Speed® MAX











Making Sense Of Your High Speed Image Data. The Included Mega Speed Media Player!

New Tools To Measure, Synchronize, Batch Process, Clip And Compress. The Fastest Video Analysing Work-Flow Available. Helping You Make Sense Of All Your High Speed Image Data. An Outstanding Value Included With Every Mega Speed Camera.

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MAX V3 Specifications

Sensor Type	4/3” color or monochrome 1920 x 1080 format CMOS sensor options
LED Work Lights	Only available as an option
Maximum Resolution	1920 x 1080
Speed	3000 fps at the maximum resolution of 1920 x 1080 pixels
	290,000 fps at minimum resolution of 1920 x 4 pixels
Pixel Size	10 x 10 um pixel pitch
Shutter Speed	Global electric shutter 2 us to 40 milli-seconds in precise 1-2 us steps for no high speed blur
LCD Screen	1920 x 1080 high resolution 7 inch LCD screen. Full touch screen operation and image editing
ISO Equivalent	10,000
A-D Converter	8 bit and 10 bit pixel bit depth options available
Trigger In Source	3 to 24 VDC TTL center pin positive external rising edge, switch closure or software trigger
Trigger In Modes	Pre/Post, Single Sequence, Start/Stop, Continuous Mode, Snap Shot, PIV and Autonomous Mode
Sync In/Sync Out	3.3 VDC TTL via multi pin connector center pin positive, active high
Input Voltage	14 VDC from wall adapter for battery charging or for continuous use
Frame Time Source	Internal camera time or external IRIG time for time stamping on recorded images
Data Acquisition	4 Channel Data acquisition connection of rear of camera to accept outside signal source
File Saving	User can save images in MP4, MP5, AVI, JPEG, BMP, TIFF, RAW and DNG file formats
Streaming Mode	Stream in Direct To Drive mode up to 3000 fps to the internal 2 or 4TB high speed SSD
Video Out Formats	DisplayPort interface for external monitor feed.
Camera Memory	32GB or 64GB of high speed internal image buffer memory plus 2 or 4TB internal SSD
Removable Storage	2 Super Speed USB 3.1 ports & 1 fast micro SD UC 1 port.
Tripod Support	Dual ¼ x 20 tri-pod mounts top and bottom.
PC Requirements	No PC required for camera operation.
PC Software	Mega Speed Media Player for post processing, object tracking, image analysis and video editing
WiFi & Gige	WiFi and Gige connectivity are available as an option.
Lens Mount	M4/3 lens mount. The “C” mount and or the LED work lights are optional
Camera Size	2.99” x 8.97” x 5.16”
Camera Weight	3.4 lbs with battery
Camera Body	Hand held light weight machined anodized aluminium body
Camera Battery	Li Po re-chargeable / removable battery charges while plugged in and while in use
Temperature	-20°C to 40°C operational range. -40°C to +50°C storage range

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