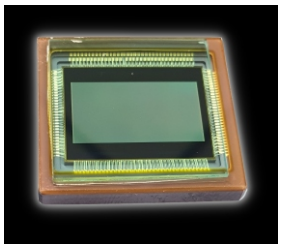
# Mega Speed®

# MAX V5



## Back Side ILLuminated 4K Camera!

Mega Speed's Portable Gige 4K Camera Features A High Sensitive Back Side Illuminated CMOS Sensor and Battery Powered Flexibility For Remote On the Go Recording As Well As Multiple Camera Gigabit Ethernet Connectivity PC Software For Test Labs Or Studio Work Flows.

### MAX V5
### 937 FPS @4K

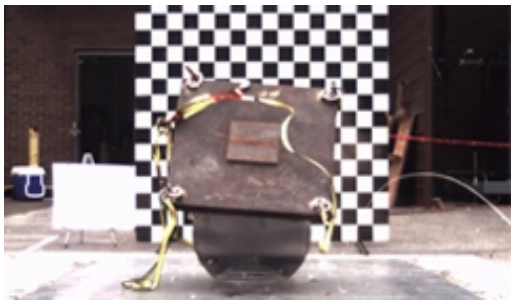
### Resolution and FPS Chart

| Min FPS: 20 | | | Record Time In Seconds |
|---|---|---|---|
| Width* | Height | Max FPS | 32GB/64GB SDRAM |
| 4096 | 2176 | 937 | 3.75/7.5 |
| 3840 | 2176 | 937 | 3.1/6.2 |
| 2560 | 2176 | 1900 | 3.2/6.4 |
| 1920 | 1088 | 1850 | 4.75/9.5 |
| 1280 | 736 | 1800 | 6/13` |

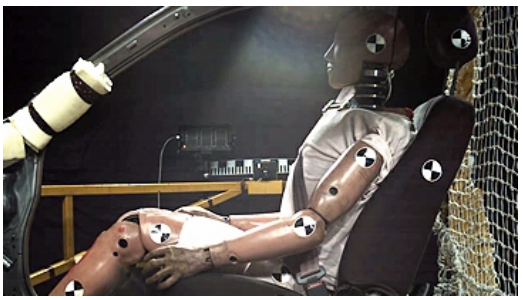





Aerospace



Destructive Test Labs



Automotive

Https://www.megaspeedusa.com/

Ph#: 1-800-565-2772

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# Mega Speed®




## MAX V5 Specifications

| | |
|---|---|
| Sensor Type | 4/3" CMOS sensor. |
| LED Work Lights | Not Available |
| Maximum Resolution | 4096 x 2176 |
| Speed | 937 fps at the maximum resolution of 4096 x 2176 pixels |
| | 4000 fps at minimum resolution of 512x512 pixels |
| Pixel Size | 5.5 um x 5.5 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 |
| Peak QE | 83% |
| 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 at reduced frame rates to the internal 2TB, 4TB or 8TB 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 2TB, 4TB or 8TB 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 however full PC camera control software is included. |
| PC Software | Mega Speed Media Player for post processing, object tracking, image analysis and video editing |
| WiFi & Gige | WiFi is available as an option. RJ 45 Gige port and Multi Camera Control software is included |
| Lens Mount | M4/3 lens mount. The "C" mount is 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 | -30°C to 45°C operational range. -40°C to +50°C storage range |

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