

Mega Speed[®] MS60K-AB

4 Mega Pixel High Speed Camera Streaming DVR Camera

Frame Rate Examples

Frame Rates In High Speed Mode With 8GB SDRAM

615 FPS @1280 x 1024 For 10 seconds
580 FPS @ 1920 x 1080 For 7.0 seconds
365 FPS @ 2304 x 1720 For 5.5 seconds

Frame Rates In Long Record Mode With 960 GB SSD

610 FPS @1280 x 1024 For 26 Minutes.
450 FPS @ 1920 x 1080 For 20 Minutes.
200 FPS @ 2304 x 1720 For 20 Minutes.



Mega Speed's MS60K-AB Features Re-Moveable SATA III SSDs For Data Security And A Convenient Upgrade Path.

Easily Swapped Out SSD's For The Fastest Work Flow.

MS60K-AB
Smallest "Stand-Alone"
High Speed DVR Camera!

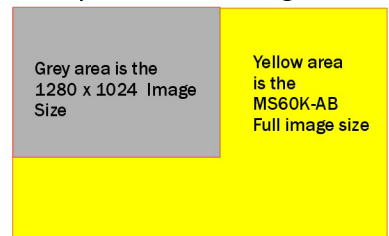
Specifications

Sensor types:	Mega Speed B/W or Color CMOS Sensor.
Maximum resolution:	2304 x 1720.
Pixel size:	7um x 7um.
Shutter speed:	Global Shutter 1 us to 1 second in 1 us steps.
Spectral response:	400nm to 1100nm.
A-D converter:	10 bits.
Trigger:	3 to 48 VDC.
Trigger modes:	Automatic, Manual, Pre / Post, Multiple Session, Or Software Programmable.
Strobe out:	TTL 3.3 VDC.
Camera size:	4.2" x 5.2" x 4.2". 4.2" x 4.2" x 4.2" is optional.
Camera weight:	880 grams.
Camera cable:	Up to 100 meters From Gigabit Switch To Gigabit Switch (For PC connection).
PC Interface:	Gigabit RJ 45 Jack to connect to your PC.
Networking:	By Gigabit Network
Video output:	Live video review on host PC monitor. 3G SDI video out is optional.
Camera battery:	Optional 30 minute Internal Li Po
Capture speeds:	User defined in software in one FPS increments from 25 fps to maximum speed.
Optical interface:	Standard "C" Mount. "F" Mount is optional.
Back focus:	Approximately 17.5mm from sensor surface to outer face of thread barrel.
Power requirements:	3 amps @ 11.2 - 13 VDC. 10 To 28 VDC is optional.
Image sizes:	User selectable from 2304 x 1720 to 320 x 240
Capture modes:	Automatic, Manual, Pre-Post, Multiple Session Mode Or Programable Start.
File saving:	User can save camera data to internal SATA SSD or to a connected PC.
Control software:	Mega Speed Camera Control.
Camera memory:	8 Gigabyte Internal High Speed SDRAM. 16 GB Is Optional. 512 Gigabyte SATA III SSD. 960 Gigabyte SSD Is Optional.
Data download:	High Speed data download to internal SSD or to a Connected PC.
Data back up:	Internal Camera SSD
IRIG B:	IRIG B ready. Accuracy greater than .1 millisecond.
Synchronization:	All Cameras Are Sync In and Sync Out Ready. Multiple Camera Will Have Identical Internal Time.
Playback rate:	User selectable from 1 to 1000 fps for fast video review.
PC requirements:	Must have Gig E connection, Windows 7 or 8 later 2GHz, 8 GB RAM, 3 TB HD.
Software:	Image analysis, data acquisition, object tracking, AVI editing & image compression. DLL available
Shock Rating:	200g for 10 milli-seconds.



Re-Removeable Solid State Drives For Data Security, Upgrade And Replacement.

Comparison Of Camera Image Sizes



Grey area is the
1280 x 1024 Image
Size

Yellow area
is the
MS60K-AB
Full image size