Mega Speed® MS35K 4S

FEATURES

Quality Control And Product Traceability

Suitable For High Definition Long Recording Frame Rates

Product Application

The MS35K 4S Is a high-speed quality control system providing 24/7 recorded video files for traceability and for diagnostic review of mission critical applications.

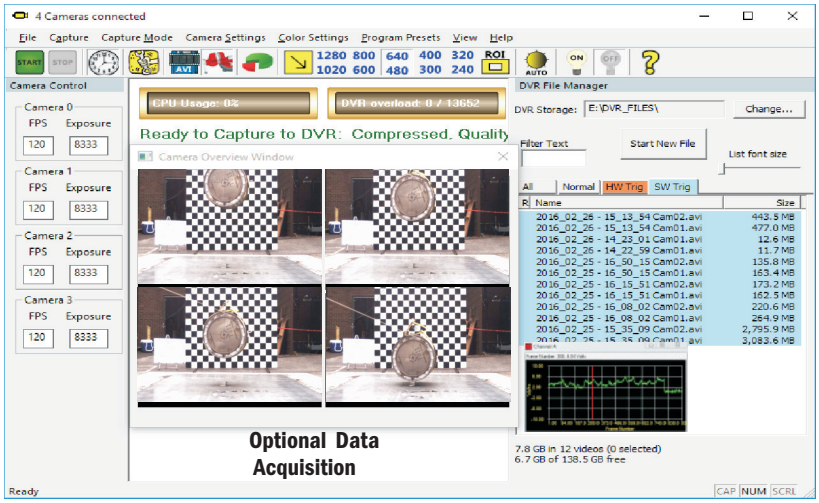
High speed, high resolution video streaming for short or long haul fiber optic or copper cable transmission using 1G, 2.5G or 10G.

Over 20 years of field proven dependable camera and software technology. Outstanding customer service.

The MS35K Fiber 4 S System is a purpose built mobile platform designed to be used with several different Mega Speed Cameras providing you with several speed range and connection options.

DVR 4SP

DVR 4S



Optional Data Acquisition

The Mega Speed MS 35K 4S camera control software is a complete software package that is included with each system. With the camera control software you can simultaneously adjust the camera settings, record the process, review the recently recorded events, edit, play back, review and transfer files without interrupting the recording process.

One HDMI, three USB, up to 4 LC fiber ports and one LAN connection are available on the DVR rear panel. All ports can be IP 67 rated.

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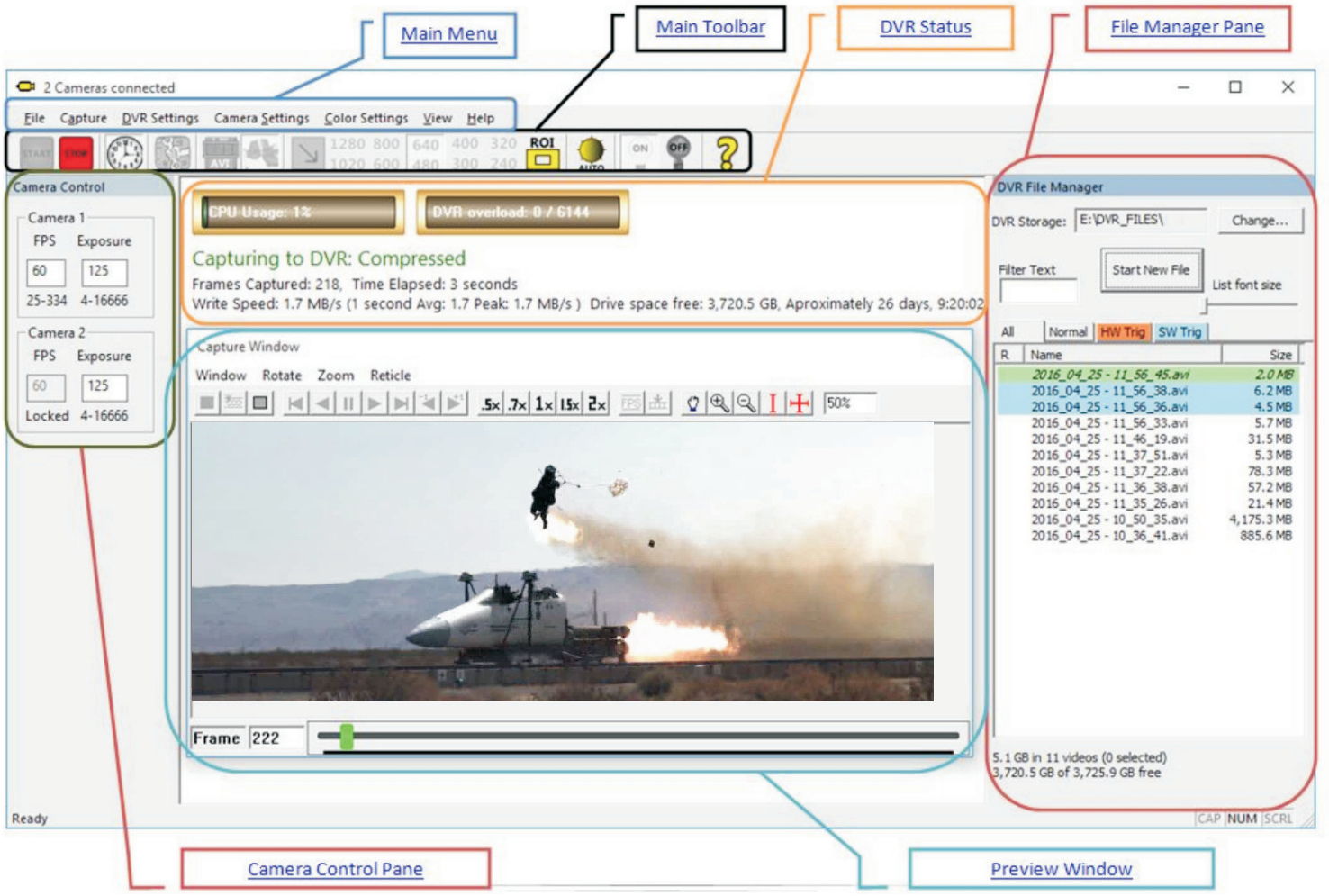
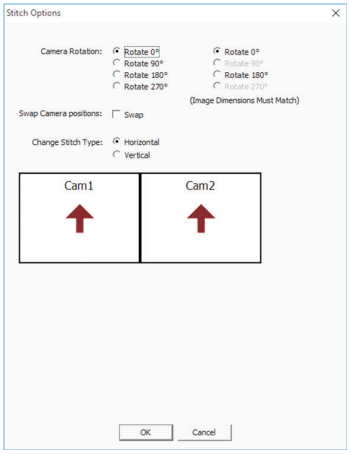
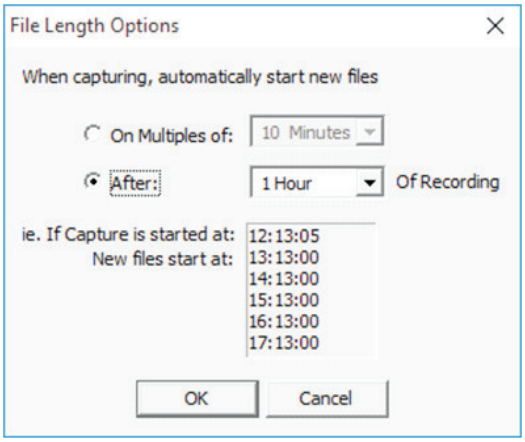
Intuitive And Easy to Understand Menu Layout



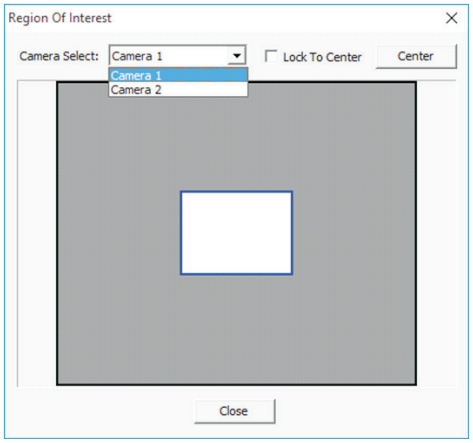
File Stitching & Rotation Options For Multiple Cameras



Flexible Recording Options



Dynamic Region Of Interest Adjustments For Easy Setup



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* Mega Pixel streaming at 1000 fps
* VGA streaming at 2000 fps
* LC fiber for long cable runs or copper cables for set-up and bench testing
* Convenient “C” mount for easy lens selection.
* High sensitive state of the art CMOS image sensors
* Industry proven track record
* Full featured control software

Consult with dealer for 1g, 2.5G or 10G speed vs resolution recording speeds before placing your order.

10G Camera Specifications

Sensor type:	Color or monochrome CMOS sensor. Determined at time of order.
Image sizes:	User defined from software pre-sets or custom selections.
Maximum resolution:	1920 x 1080
Minimum resolution:	64 x 64
Maximum speed	1000 fps at 1000 x 1000 or 500 fps at 1920 x 1080 image sizes.
Pixel size:	10 micron x 10 micron square pixel.
Shutter speed:	Global shutter 2 us to 30 ms in 1 us steps with exposure time tags.
Spectral response:	400nm to 1000nm.
ISO:	12,500 monochrome, 4000 color.
A-D converter:	10 bit.
Trigger in requirement:	3 to 24 VDC, active high through cameras rear BNC jack. Center pin positive.
Strobe out:	TTL 3.3 VDC via cameras rear BNC jack. Center pin positive active high on exposure.
Trigger modes:	Continuos capture mode. External hardware trigger source required for trigger modes
Editing software:	Image analysis, data acquisition, object tracking, AVI editing & MP4 image compression.
File saving:	User can save in RAW, AVI, JPEG, BMP, TIF, PNG or MP4 format to the DVR’s hard drive.
Control software:	Mega Speed DVR Control software
Video live-view:	Live 30 fps preview to DVR monitor during recording.
Video recording:	Camera streams real time video back to the DVR.
Event tagging:	Captured video files can be sorted & marked manually or with an external hardware trigger.
Video Review:	Video review, editing and playback can be done at anytime when the DVR is recording real time video.
Networking:	Gigabit Ethernet cables, switches and connections can be used connecting the camera to the DVR.
Camera cable:	Short haul copper or long haul LC fiber cable.
Lens mount:	Standard “C” mount. “F” mount, “G” mount and electronic lens are all available as an option.
Camera size:	4.2” wide x 4.2” high x 6” long. ¼ x 20 tpi threaded camera mount hole
Camera weight:	2 lbs.
Camera body:	Machined anodized aluminum.
Power requirements:	3 amps @ 12 V DC. (36 watts)
Shock Rating:	50g for 15 milli-seconds 10 times all axis. Operational vibration meets 0.25g, from 5-500Hz.

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