Mega Speed MS35K PRO DVR NB

The MS35K PRO camera paired with our super high performance 17" laptop is your solution for trouble-shooting and long term recording of your line jams and production runs.

Watch and record real time high speed video of up to 1000 fps with the DVR notebook and the pre-installed Mega Speed DVR Software





MS35K PRO V1 with built in high power LED work lights

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Sensor type:	Mega Speed B/W or Color CMOS Sensor.
Maximum resolution:	1280 x 1020.
Pixel size:	7um x 7um.
Shutter speed:	Global Electronic Shutter 2us to 30 ms in 2 us steps.
Spectral response:	400nm to 1000nm.
A-D converter:	8 bits.
Trigger:	TTL 3 to 48 VDC via BNC connector centre pin positive active high.
Trigger modes:	Start by TTL, stop by TTL.
Strobe out:	TTL 3 VDC via BNC connector centre pin positive active high.
Camera size:	4" x 4"x 3.4"
Camera weight:	1000 grams.
Camera cable:	5 metres standard is included, 10 to 100 metres available.
PCI card:	PC must have a Gige PCI card or robust Gig e connection
Multiple cameras	Several cameras can be networked with a Gbit Ethernet hub.
Video output:	High Speed data to host PC.
Ethernet:	Gigabit Ethernet connectivity.
Camera speeds:	User defined in Software in one FPS increments.
Optical interface:	Standard "C" Mount or "F" Mount adapters are available.
Back focus:	Approximately 17.5mm from sensor surface to outer face of thread barrel.
Power requirements:	12 V DC Centre pin positive. 120 / 240 VAC Wall adapter is included.
Gain adjustments:	User selectable from software.
Image sizes:	User selectable from factory defaults or by software selection.
Capture modes:	Automatic or manual modes. Start/stop by trigger or hot keys.
File saving:	User can save in AVI format, JPEG or BMP format to PC RAM or hard drive.
Image enhancement:	Bitmaps can be sharpened to bring out better details in captured files.
Data Transfer:	Continuous real time data transfer to your PC.
Data back up:	PC hard drive only. Camera contains no internal memory.
Playback Rate:	User selectable from 1 to 300 fps for fast video review.
Software:	Full Camera Control software and AVI editing functions.
Shock rating:	100G.

Mega Speed[®] DVR Software **FEATURES**

Intuitive And Easy to Understand Menu Layout

Main Menu Main Toolbar DVR Statu	IS File Manager Pane
2 Cameras connected	×
Eile Capture DVR Settings Camera Settings Color Settings View Help	
Tamera Control	DVR File Manager
Camera 1 DVR overload: 0 / 6144	DVR Storage: E:\DVR_FILES\ Change
FPS Exposure 60 125 25-334 4-166666 Write Speed: 1.7 MB/s (1 second Avg: 1.7 Peak: 1.7 MB/s) Drive space free: 3,720.5 GB, Aproximately 26 days, 9:21	Filter Text Start New File List font size
Camera 2	All Normal HW Trig SW Trig
FPS Exposure Capture Window	R Name Size
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	- 2016_04_25 - 11_56_36.avi 4.5 MB 2016_04_25 - 11_56_33.avi 5.7 MB
Frame 222	2016_04_25 - 11_46_19.avi 31.5 MB 2016_04_25 - 11_37_51.avi 5.3 MB 2016_04_25 - 11_37_22.avi 78.3 MB 2016_04_25 - 11_36_38.avi 57.2 MB 2016_04_25 - 11_35_26.avi 21.4 MB 2016_04_25 - 10_50_35.avi 4,175.3 MB 2016_04_25 - 10_36_41.avi 885.6 MB
teady	CAP NUM SCRL
Camera Control Pane	Preview Window

File Stitching & Rotation Options For Multiple Cameras

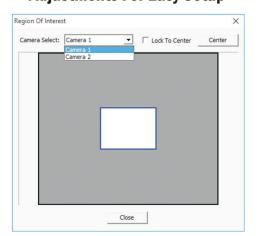
Stitch Options

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Swap Camera positions: Swa Cam1 ↑

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bite 90° C Rotate 90° tet 180° C Rotate 180° tet 270° C Rotate 270° (Image Dimensions Must Match) p	When capturing, automatically start new files	
shtal al	C On Multiples of: 10 Minutes -	
Cam2	(After: I Hour ▼ Of Recordin	g
1	ie. If Capture is started at: 12:13:05	
	New files start at: 13:13:00 14:13:00	
	15: 13:00 16: 13:00 17: 13:00	
	OK Cancel	

Dynamic Region Of Interest Flexible Recording Options Adjustments For Easy Setup



www.megaspeedUSA.com