Mega Speed MS35K V3

Maximum Camera Streaming Speeds And Image Sizes

1920 x 1080 = 280 fps 1280 x 1080 = 440 fps 1280 x 720 = 630 fps 960 x 720 = 840 fps 768 x 600 = 1260 fps 640 x 480 = 1900 fps 320 x 240 = 7000 fps



MS35K V3 With Gigabit Ethernet

PRODUCT SPECIFICATIONS

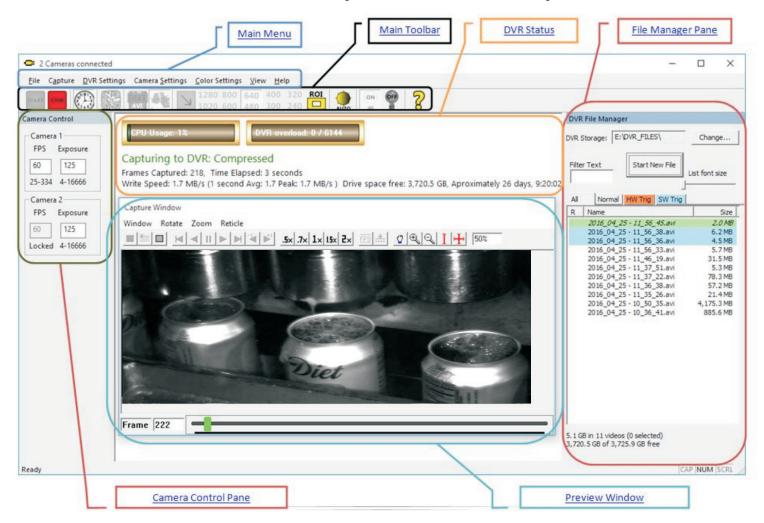
☐ Sensor type:	Mega Speed B/W or Color CMOS Sensor.
■ Maximum resolution:	1920 x 1080.
☐ Pixel size:	10um x 10um.
☐ Shutter speed:	Global Electronic Shutter 2us to 30 ms in 2 us steps.
☐ Spectral response:	400nm to 1000nm.
☐ A-D converter:	8 bits.
☐ Trigger:	TTL 3 to 24 VDC via BNC connector centre pin positive active high.
☐ Trigger modes:	Start by TTL, stop by TTL.
☐ Sync out:	TTL 3 VDC via BNC connector centre pin positive active high.
☐ Camera size:	4" x 4"x 4"
□ Camera weight:	1200 grams.
☐ Camera cable:	1 to 100 metres.
☐ PCI card:	PC must have a 5 Gbit Gige PCI card
■ 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. 20W. 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.
□ Operating Temperature:	-45° to +45°C
■ Shock rating:	100G.

www.megaspeedUSA.com email: sales@megapeedUSA.com Phone: 1-800-565-2772 Fax: 1-204-867-3933

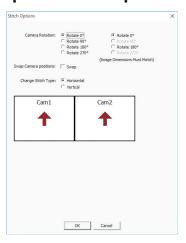
Mega Speed® DVR Software

FEATURES

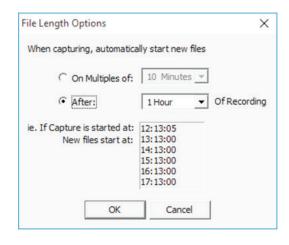
Intuitive And Easy to Understand Menu Layout



File Stitching & Rotation Options For Multiple Cameras



Flexible Recording Options



Dynamic Region Of Interest Adjustments For Easy Setup

