MEGA SPEED® MS35K 10G

FIBER SYSTEM

Quality Control And Product Traceability

Suitable For High Definition Long Recording Frame Rates

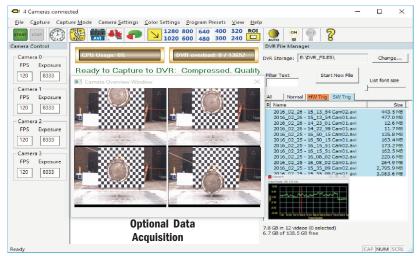
Product Application

The MS35K DVR 6F is a 10 Gbit Fiber high speed DVR recording unit which provides extended length video files for traceability and diagnostic review of mission critical applications.

High speed, high resolution video streaming files are sent via fiber optic cable transmission using 10G Ethernet to the recording unit.

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

The MS35K DVR 6F 10 Gbit Fiber DVR is a purpose built turn-key platform designed to be used with several different Mega Speed cameras providing you with several speed range and connection options.



The Mega Speed MS 35K 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.



MS35K DVR-6F





MS35K 10G Fiber Streaming Camera

MS-DVR-6F Specifications

2x 10 GigE fiber ports

1x 1 GigE LAN port

1x HDMI port,

2x USB-A 3.2 ports

1x USB-C port

1X IRIG in BNC port

2X trigger in BNC ports

2X ADC BNC ports - optional

2X Camera Communications out ports

Processor: 1x Intel or AMD

Recording speed: Supports 2x 10 GigE streams

Operating Voltage: 16 VDC to 30 VDC Recording Media: 8 TB high speed SSD

Dimensions: 17" x 15" x 4"

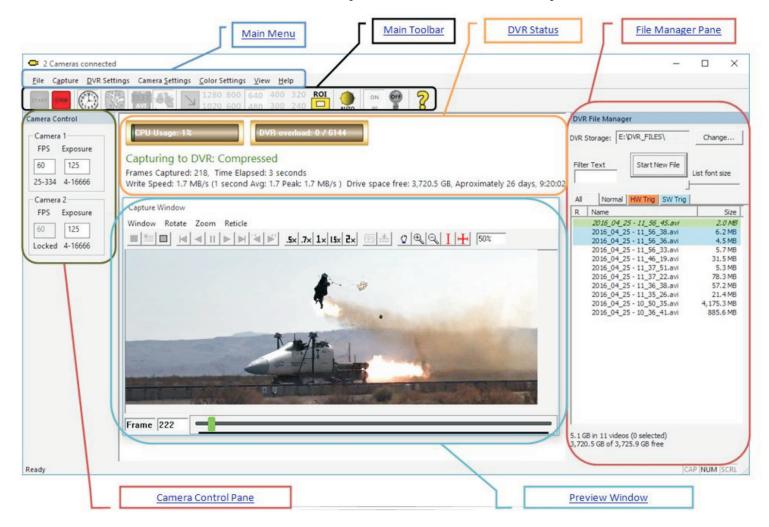
Weight: 18 lbs

Operating Temperature: -45° to +45°C

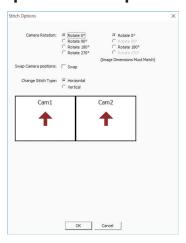
MEGA SPEED® MS35K 10G

FIBER SOFTWARE

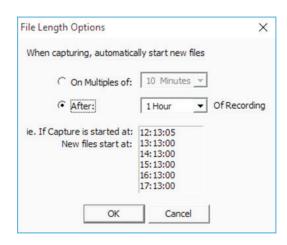
Intuitive And Easy to Understand Menu Layout



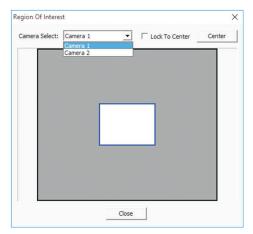
File Stitching & Rotation Options For Multiple Cameras



Flexible Recording Options



Dynamic Region Of Interest Adjustments For Easy Setup





- * Mega Pixel streaming at over 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 10G speed vs resolution recording speeds before placing your order.

MS35K 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 1135 fps at 1280x 720 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 center pin positive or dry contact switch closure

Sync 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.

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: 10 GB Ethernet cables, switches are required for 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: 4.6" wide x 4.8" high x 6.1" long. 1/4 x 20 tpi threaded camera mount hole

Camera weight: 2 lbs.

Camera body: Machined anodized aluminum.

Power requirements: 2 amps @ 12 V DC. (24 watts)

Shock Rating: 50g for 15 milli-seconds 10 times all axis. Operational vibration meets 0.25g, from 5-500Hz.