

Mega Speed 35K PRO DVR NB

60 minutes record time
at 390 fps @ 512 x 512
image size.



MS35K PRO



Real time data streaming rates
of up to 390 fps @ 512 x 512
to the DVR notebook with the
Mega Speed Camera Control
Software pre-installed

PRODUCT SPECIFICATIONS

- 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 GB 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: 20G.