



The CrashCam mini 3510 is a rugged, sealed, high G and vibration rated camera product designed for use (not exclusively) in harsh, space limited testing environments. Thanks to the ultra-compact design, this camera is best adapted for use in on-board vehicular testing. It can also be used to instrument test dummies. Supports 2560 x 1440 @ 1,000 fps. 4 GB DDR RAM and up to 256 GB removable Micro SD provide the image storage capacity. Live video streams are enabled via the HDSI output. Cable and power supply included.

KEY FEATURES

Maximum Resolution	2560 x 1440
Maximum FPS @ Maximum Resolution	1,000 fps
Maximum FPS	40,000 @ 2560 x 16
Minimum Exposure Time	1 μ s (*Shorter Integration optional)
Sensitivity ASA/ISO	9000 ISO Mono 3000 ISO Color
Power Requirements	24 VDC
Operating Temperature	-40+50°C / -40+122°F

SENSOR

Sensor Type	CMOS - Proprietary
Sensor Size	19.2 x 10.8 mm
Sensor Format	1.3 inch
Pixel Size (micron)	7.5 x 7.5 μ m
Pixel Depth	12 bit mono 36 bit color

INPUTS

Trigger	TTL & Switch/Circular buffer with on-camera or software trigger
Sync	Phase-lock TTL

OUTPUTS

Sync	Frame sync / Strobe
HDSI	Standard

FEATURES

Approx. Size	44 x 44 x 70 mm (W x H x L)
Approx. Weight	0.27 kg or 0.59 lbs
Shock/Vibration Rating	Shock: 200G / Vibration: 40G - All axes
Mount	C-Mount standard

SOFTWARE

Motion Studio	Windows 32/64
Motion Inspector	Windows 32/64 - MAC OS X - Apple iOS
Plug-ins/SDK	SDK, LabVIEW™ or MatLab®
File Formats	Proprietary RAW
On-the-fly Conversion	TIF, BMP, JPG, PNG, AVI, MPG, TP2, MOV, MRF, MCF

COMMUNICATION

Ethernet	1000BaseT
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