



M

Model: 3

KEY FEATURES

Max FPS @ Max Res	520 fps @ 1280 x 1024
Plus Mode	1040 fps @ 1280 x 1024
Max Frame Rate	58000 fps @ 1280 x 8
Minimum Exposure Time	1 μ s
Sensitivity ASA	3000 ISO Mono 1000 ISO Color
Power Requirements	minimum 12V , 2 A
Operating Temperature	-40°C — +50 °C / -40°F — +122 °F
Memory Options	Internal RAM 1.25 GB / 3GB / 4GB / 5GB
Quantum Efficiency	40%

SENSOR

Sensor Type	CMOS - Proprietary
Sensor Size	15.4 x 12.3 mm
Sensor Format	1 inch
Image Size	1.3 megapixels
Pixel Size (micron)	12x12 μ m
Pixel Depth	10 bit mono 30 bit color

INPUTS

Trigger	TTL & Switch/Circular buffer with on-camera or software trigger
Sync	Phase-lock TTL
IRIG	N/A
GPS Time Code	N/A
WiFi	N/A

OUTPUTS

Sync	Frame sync / Strobe
HDMI	N/A
Comp Video	N/A



FEATURES

Approx. Size	55x55x75 mm or 2.2x2.2x3.0 inch
Approx. Weight	0.32 kg or 0.71 lb
Shock/Vibration rating	Shock: 200G / Vibration: 40G - All axes
Battery Powered Operation Time	N/A
Mount	C-Mount standard

SOFTWARE

Motion Studio	Windows 32/64
Motion Inspector	N/A
Plug-ins/SDK	SDK, LabVIEW™ or MatLab
File Formats	Proprietary RAW (MRF,MCF)
On-the-fly Conversion	TIF,BMP,JPG,PNG,AVI,MPG,TP2,MOV

COMMUNICATION

Camera Link	Full
Ethernet	N/A
USB 2.0	N/A
WiFi	

Specifications are subject to change without notification.

Data accurate as of 07 August 2013

Please reference our website for updates: <http://www.idtvision.com>