



M

Model: 5

KEY FEATURES

Max FPS @ Max Res	170 fps @ 2320 x 1728
Plus Mode	340 fps @ 2320 x 1728
Max Frame Rate	17,200 fps @ 2288 x 16
Minimum Exposure Time	1 μ s
Sensitivity ASA	3000 ISO Mono 1000 ISO Color
Power Requirements	minimum 12V , 1 A
Operating Temperature	-40°C — +50 °C / -40°F — +122 °F
Memory Options	PC RAM 2 GB (Win 32) 32 GB (Win 64 bit) Direct to Disk
Quantum Efficiency	50%

SENSOR

Sensor Type	CMOS - Proprietary
Sensor Size	16.0 x 12.1 mm
Sensor Format	1 inch
Image Size	4.0 megapixels
Pixel Size (micron)	7x7 μ m
Pixel Depth	8 bit mono 24 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
YiFi	N/A

OUTPUTS

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



FEATURES

Approx. Size	55x55x75 mm or 2.2x2.2x3 inch
Approx. Weight	0.32 kg or 0.71 lb
Shock/Vibration rating	Shock: 100G / Vibration: 40G - All axes
Battery Powered Operation Time	N/A
Mount	C-Mount standard , F&PL Adaptor optional

SOFTWARE

Motion Studio	Windows 32/64 Mac to be release
Motion Inspector	
Plug-ins/SDK	SDK, LabVIEW™ or MatLab
File Formats	Proprietary RAW (MRF,MCF)
On-the-fly Conversion	TIF,BMP,JPG,PNG,AVI,MPG,TP2,QT H.264

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>