

HIGH-PERFORMANCE
FAST CAMERAS



FAST M2k



*HIGH-SPEED VGA-FORMAT
SCIENTIFIC THERMAL IMAGING*

KEY FEATURES



ULTRAHIGH FRAME RATE



HIGH-SPEED INTERNAL MEMORY



HIGH SENSITIVITY

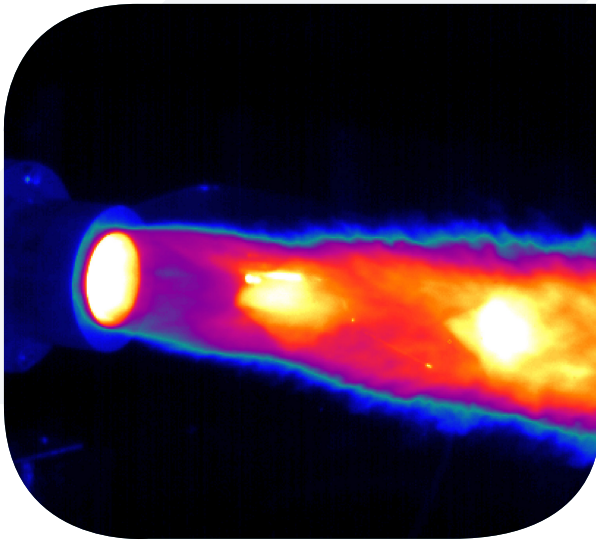


ADVANCED CALIBRATION

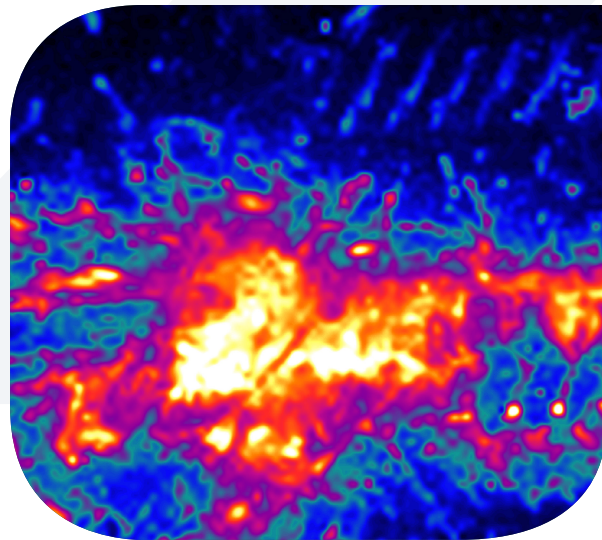
Telops FAST M2k is a high-performance scientific infrared imaging system featuring the highest framerate capabilities on the commercial market. Featuring a high-sensitivity 320 x 256 pixel InSb detector array capable of acquisition of up to 1,900 Hz in the full window configuration, the FAST M2k is ideally configured to document fast thermal events even at low target temperatures.



FAST M2k



IR Signature Measurements



Ballistic Impact Testing

SPECIFICATIONS

Detector Type	Cooled InSb
Detector Format	320 x 256 pixels
Spectral Range	1.5 – 5.4 μm (Optional 3.0 – 5.0 μm)
Detector Pitch	30 μm
Aperture Size	F/2.5
Typical NETD	25 mK
Minimum Exposure Time	1 μs
Frame Rate	1,900 Hz
Maximum Frame Rate	90,000 Hz @ 64 x 4
Environmental Resistance	IP67
Operational Shock	IEC-60068-2-27
Operational Vibration	IEC-60068-2-64
Operational Temperature	-15 °C to +50 °C
Storage Temperature	-35 °C to +60 °C
Lens Mount	Bayonet

TECHIMAGING

WWW.TECHIMAGING.COM

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