

HIGH-PERFORMANCE
FAST CAMERAS

TELOPS
EXOSENS GROUP

FAST M350



*HIGH-SPEED VGA-FORMAT
SCIENTIFIC THERMAL IMAGING*

KEY FEATURES



HIGH FRAME RATE



HIGH-SPEED INTERNAL MEMORY



HIGH SENSITIVITY



ADVANCED CALIBRATION

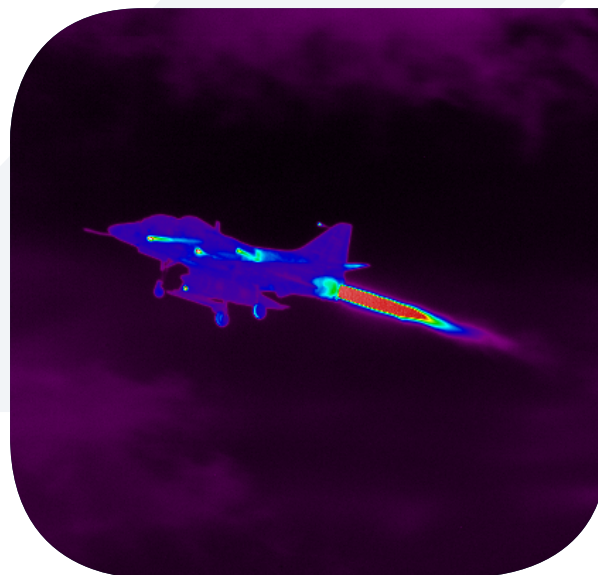
The FAST-IR series includes the fastest infrared cameras available on the market. The M350 is a cooled, high-performance scientific thermal infrared camera designed to provide excellent image quality and impressive thermal sensitivity. It features our unique real-time calibration and is an excellent choice for a variety of scientific and industrial applications.



FAST M350



Jet Engine IR Signature Measurement



Target Ranging

SPECIFICATIONS

Detector Type	Cooled InSb
Detector Format	640 x 512 pixels
Spectral Range	1.5 – 5.4 μm (Optional 3.0 – 5.0 μm)
Detector Pitch	15 μm
Aperture Size	F/3 (other available)
Typical NETD	20 mK
Exposure Time	0.5 μs to full frame rate
Frame Rate	355 Hz
Maximum Frame Rate	672 Hz @ 320 x 256 4 980 Hz @ 132 x 4
Environmental Resistance	IP67
Operational Shock	IEC-60068-2-27
Operational Vibration	IEC-60068-2-64
Operational Temperature	-20 °C to +55 °C
Storage Temperature	-40 °C to +70 °C
Lens Mount	Bayonet

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