

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**

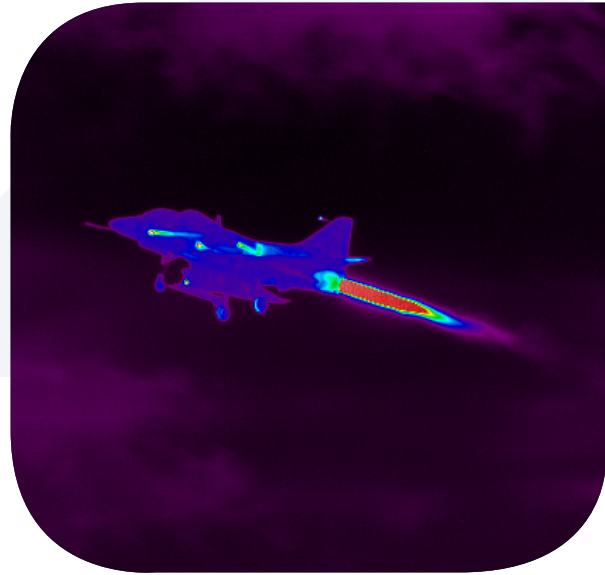
The FAST-IR series includes the fastest infrared cameras available on the market. The M350 is a cooled, high-performance scientific thermal infrared camera designed to provide excellent image quality and impressive thermal sensitivity. It features our unique real-time calibration and is an excellent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



# FAST M350



Jet engine IR signature measurement



Target ranging

## KEY PERFORMANCES

Detector Type	Cooled InSb
Detector Format	640 x 512 pixels
Spectral Range	1.5 – 5.4 $\mu\text{m}$
Detector Pitch	15 $\mu\text{m}$
Aperture Size	F/3 (other available)
Typical NETD	20 mK
Exposure Time	0.5 $\mu\text{s}$ 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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**EXOSENS**  
REVEAL THE INVISIBLE