

HIGH-PERFORMANCE
FAST CAMERAS

TELOPS
EXOSENS GROUP

FAST M350



*HIGH-SENSITIVITY VGA FORMAT
MWIR SCIENTIFIC THERMAL IMAGING*

KEY FEATURES



MWIR SPECTRAL BAND



HIGH SENSITIVITY



HIGH FRAME RATE



**TELOPS REAL-TIME
TEMPERATURE CALIBRATION (RTTC)**

The FAST-IR series include the fastest scientific infrared cameras on the market. The FAST M350 is a high-sensitivity, VGA format MWIR system optimized for the collection of pristine, highly detailed radiometric imagery of evolving thermal scenes

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
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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EXOSENS
REVEAL THE INVISIBLE

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