HIGH-PERFORMANCE FAST CAMERAS



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, highperformance scientific thermal infrared camera designed to provide excellent image quality and impressive thermal sensitivity. It features our unique realtime calibration and is an excellent choice for a variety of scientific and industrial applications.

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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 × 256 4 980 Hz @ 132 × 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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