

**HIGH-PERFORMANCE  
FAST CAMERAS**





**TELOPS**  
EXOSENS GROUP

# FAST M100hd



*HIGH-SPEED VGA-FORMAT  
SCIENTIFIC THERMAL IMAGING*

## KEY FEATURES

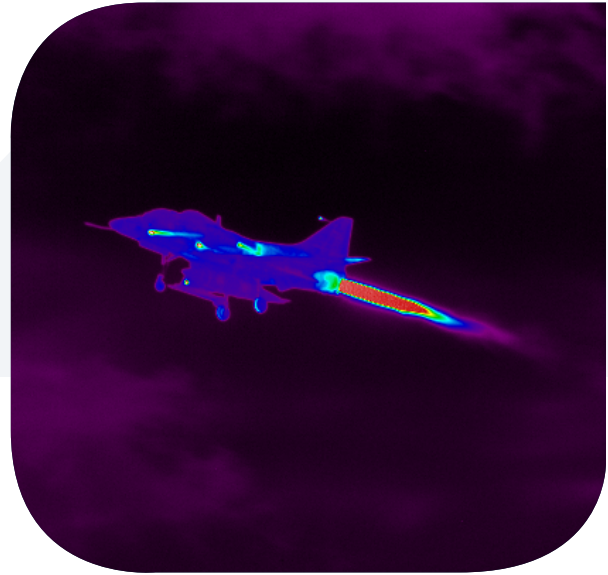
-  **HIGH FRAME RATE**
-  **HIGH-SPEED INTERNAL MEMORY**
-  **HIGH SENSITIVITY**
-  **ADVANCED CALIBRATION**

The M100hd 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 M100hd



Jet Engine IR Signature Measurement



Target Ranging

## SPECIFICATIONS

Detector Type	Cooled InSb
Spectral Range	1.5 $\mu\text{m}$ to 5.4 $\mu\text{m}$ (3 to 5 $\mu\text{m}$ optional)
Spatial Resolution	1 280 $\times$ 1 024 pixels
Detector Pitch	10 $\mu\text{m}$
Aperture Size	F/3
Maximum Frame Rate (Full Window)	100 Hz
Maximum Frame Rate (Subwindow)	1 200 Hz @ 64 $\times$ 8
Typical NETD	30 mK
Minimum Exposure Time	0.5 $\mu\text{s}$ to full frame rate
Lens Mount	Bayonet

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REVEAL THE INVISIBLE