

HIGH-PERFORMANCE
FAST CAMERAS

TELOPS
EXOSENS GROUP

FAST M100hd



*HIGH-SPEED HD-FORMAT
SCIENTIFIC THERMAL IMAGING*

KEY FEATURES



HIGH DEFINITION



**HIGH SPATIAL RESOLUTION AND
IMAGING QUALITY**



WIDE SPECTRAL BAND



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 μm to 5.4 μm (3 to 5 μm optional)
Spatial Resolution	1 280 $\times$ 1 024 pixels
Detector Pitch	10 μm
Aperture Size	F/3
Maximum Frame Rate (Full Window)	100 Hz
Maximum Frame Rate (Subwindow)	2 032 Hz @ 64 $\times$ 8
Typical NETD	30 mK
Minimum Exposure Time	0.5 μs to full frame rate
Lens Mount	Bayonet

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EXOSENS
REVEAL THE INVISIBLE

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