HIGH-PERFORMANCE FAST CAMERAS



FAST M3k



HIGH-SPEED VGA-FORMAT SCIENTIFIC THERMAL IMAGING

KEY FEATURES



ULTRAHIGH FRAME RATE



HIGH-SPEED INTERNAL MEMORY

) HIGH SENSITIVITY

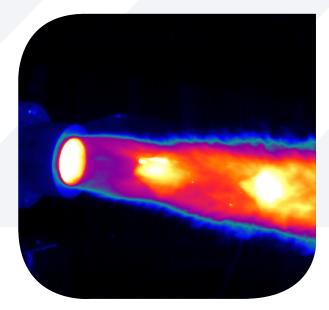


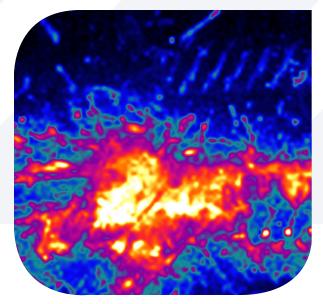
ADVANCED CALIBRATION

Telops FAST M3k is a high-performance scientific infrared imaging system featuring the highest framerate capabilities on the commercial market. Featuring a high-sensitivity 320 x 256 pixel InSb detector array capable of acquisition of up to 3,000 Hz in the full window configuration, the FAST M3k is ideally configured to document fast thermal events even at low target temperatures.

exosens.com

FAST M3k





IR Signature Measurements

Ballistic Impact Testing

SPECIFICATIONS

Detector Type	Cooled InSb
Detector Format	320 x 256 pixels
Spectral Range	1.5 – 5.4 μm
Detector Pitch	30 µm
Aperture Size	F/2.5
Typical NETD	25 mK
Minimum Exposure Time	1 µs
Frame Rate	3 100 Hz
Maximum Frame Rate	100 000 Hz @ 64 × 4
Environmental Resistance	IP67
Operational Shock	IEC-60068-2-27
Operational Vibration	IEC-60068-2-64
Operational Temperature	-15 °C to +50 °C
Storage Temperature	-35 °C to +60 °C
Lens Mount	Bayonet

sales@telops.com



in 🛗 f 🞯 telops.com



© Telops. The information furnished is believed to be accurate and reliable, but is not guaranteed and is subject to change without notice. No liability is assumed by Telops group of companies nor by any Exosens Group companies. Performance data represents typical characteristics as individual product performance may vary. Customers should verify that they have the most current product information from the Telops group of companies before placing orders. Texts and pictures may not be considered as contractually binding. This document may not be reproduced, in whole or in part, without the prior written consent of Telops.