

HDR-IR Family



HIGH-DYNAMIC RANGE
INFRARED CAMERAS
POWERED BY TELOPS

KEY FEATURES



**ENHANCED IN-SCENE
DYNAMIC RANGE**



**IMAGE HOT AND COLD TARGET
SIMULTANEOUSLY**

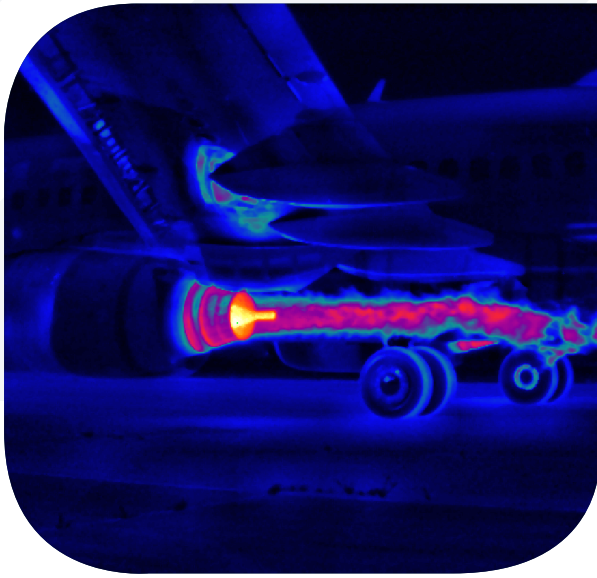


HIGH FRAME RATE

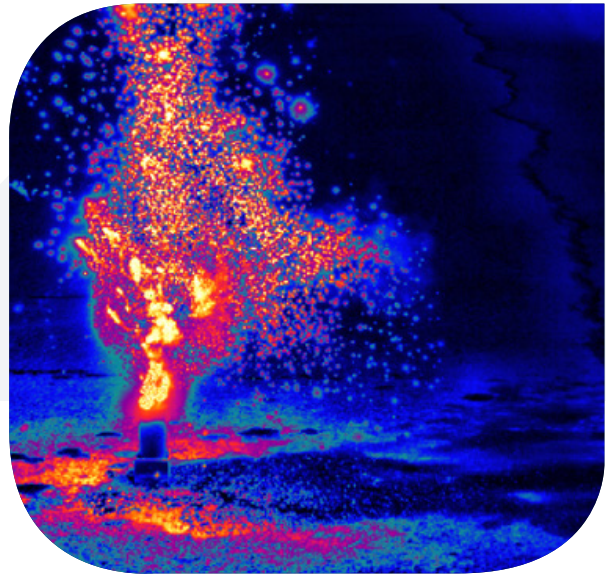
The HDR-IR family of cameras is optimized for high dynamic range performance when presented with scenes containing strong thermal contrast.

The HDR M700 presents a revolutionary upgrade to in-scene dynamic range capabilities compared to traditional thermal cameras. The advanced design of the HDR M700 allows for a measurement range of approximately 900 degrees in a single exposure snapshot, allowing for efficient imaging of hot and cold target simultaneously.

HDR-IR Family



High-Dynamic Range enables detailed imaging of a broad range of target temperatures in the same scene



900 degree in-scene dynamic range in a single image allows for efficient measurement of hot targets and cold backgrounds in the same scene

MIDWAVE SERIES

SPECIFICATIONS	HDR M700
HDR Mechanism	On-Chip Saturation Management
Detector Type	Cooled SLS
Detector Format	640 × 512 pixels
Spectral Range	3.0 – 5.0 μm
Optical Aperture	F/4
Snapshot Dynamic Range	900 degrees
Environmental Resistance	IP67
Operational Temperature	-15 °C to +50 °C
Storage Temperature	-35 °C to +60 °C
Typical NETD	20 mK
Lens Mount	Threaded

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