ACCESSIBLE SCIENTIFIC INFRARED CAMERAS

TELOPS
EXOSENS GROUP

RADIA V60

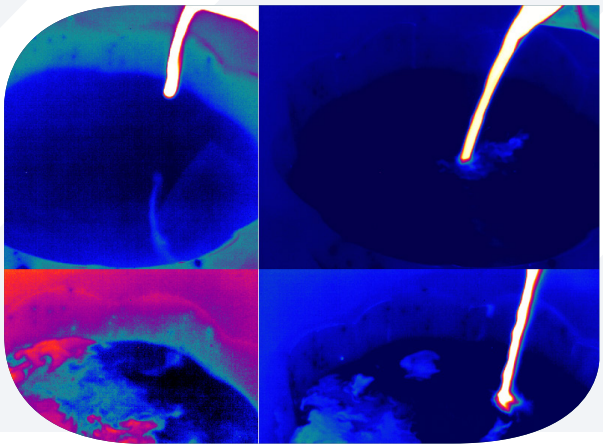
UNCOOLED SCIENTIFIC INFRARED CAMERAS

KEY FEATURES

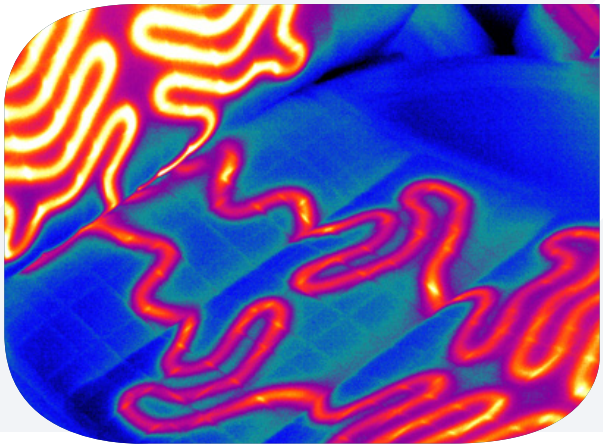
- **LOW SIZE, WEIGHT, AND POWER (SWAP)**
- **PERMANENT RADIOMETRIC CALIBRATION**
- **USER-SWAPPABLE LENS**
- **GigE ETHERNET DATA TRANSFER**

The Radia V60 is an uncooled, small form-factor thermal infrared camera designed to provide high-quality imagery and reliable scientific data. Engineered with simplicity and ease-of-use in mind, the Radia V60 combines real-time image acquisition capability with a scientific-quality permanent radiometric calibration. When combined with Telops RevealIR camera control software, the Radia V60 delivers high-impact calibrated thermal imagery to users of all levels of expertise.

RADIA V60



High-sensitivity General Purpose Infrared Thermography



Automotive Systems Functionality Testing

SPECIFICATIONS

Detector Type	Uncooled Microbolometer
Detector Format	640 x 480 pixels
Spectral Range	8.0 – 14.0 µm
Detector Pitch	12 µm
Aperture Size	F/1
Maximum Frame Rate	60 Hz
Max. Frame Rate (Subwindow)	-
Typical NETD	50 mK
Standard Calibration Ranges	High sensitivity thermography: 10 °C to 40 °C Standard thermography: -20 °C to 120 °C High temperature thermography: 50 °C to 400 °C
Data Output Types	RAW, NUC, RT, IBR, IBI
Data Transfer	GigE ethernet
Lens Mount	Threaded, user-swappable
Lens Options	Standard: 14 mm EFL FOV: 30.7° x 23.2° Wide angle: 7.5 mm EFL / FOV: 54.2° x 41.9° Telephoto: 25 mm EFL / FOV: 17.5° x 13.1°
Size	45 x 45 x 75 mm
Weight	250 grams
Operational Temperature	-40 °C to 70 °C (Thermography: 10 °C to 50 °C)
Storage Temperature	-40 °C to 85 °C

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