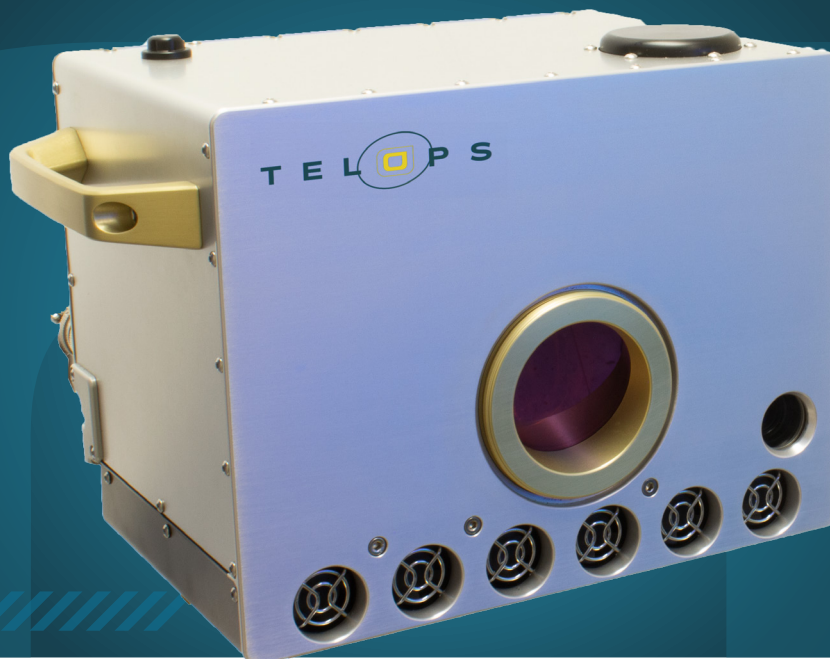


HYPER-CAM MINI MWf



MWIR HYPERSPECTRAL IMAGING SYSTEM

KEY FEATURES



**LOW SWAP, MODULAR DESIGN
INCLUDING OPTICAL HEAD (OH) AND
CONTROL AND PROCESSING BOX (CPB)**



**FOURIER-TRANSFORM IMAGING
SPECTROSCOPY CAPABILITY**



**320 X 256 PIXEL COOLED DETECTOR
SENSITIVE OVER 2.9 – 5.2 μm SPECTRAL
RANGE WITH USER-SELECTABLE
SPECTRAL RESOLUTION UP TO 4 cm^{-1}**



PERMANENT RADIOMETRIC CALIBRATION

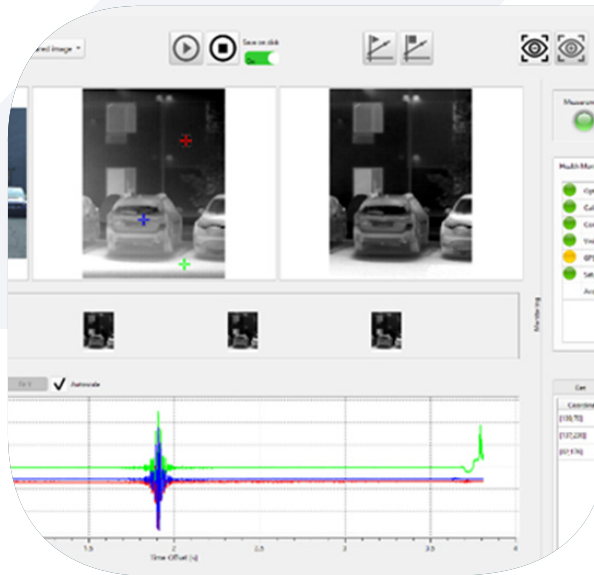
The Hyper-Cam Mini MWf is an advanced, compact infrared hyperspectral imaging system that combines high spatial, spectral, and temporal resolution capabilities. Sensitive in the MWIR spectral range (2.9 - 5.2 μm), the Hyper-Cam Mini MWf is well-suited for the analysis of a broad range of gas, mineral, and other target materials. Reduced size, weight, and power specifications ensure that the Hyper-Cam Mini MWf can be deployed into even the most difficult-to-access field locations by a single operator.



HYPER-CAM MINI MWf



Industrial gas detection & identification



Reveal Pro 6 full-featured scientific software

KEY PERFORMANCES

Detector Type	Cooled SLS
Detector Format	320 x 256 pixels
Spectral Range	2.9 – 5.2 μm (1920 - 3450 cm^{-1})
Field of View	14° x 11°
Maximum spectral resolution	4 cm^{-1}
Noise Equivalent Spectral Radiance (typical)	< 10 $\text{nW/cm}^2.\text{sr.cm}^{-1}$
Radiometric Accuracy	< 2 K

System

Dimensions	20 x 27 x 21 cm (OH), 21 x 21 x 22 cm (CPB)
Weight	< 8.2 kg (OH), < 4.2 kg (CPB)
Power Consumption	< 320 W (max), < 170 W (typ.)
Operational Temperature	-10 °C to +50 °C
Storage Temperature	-20 °C to +60 °C

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