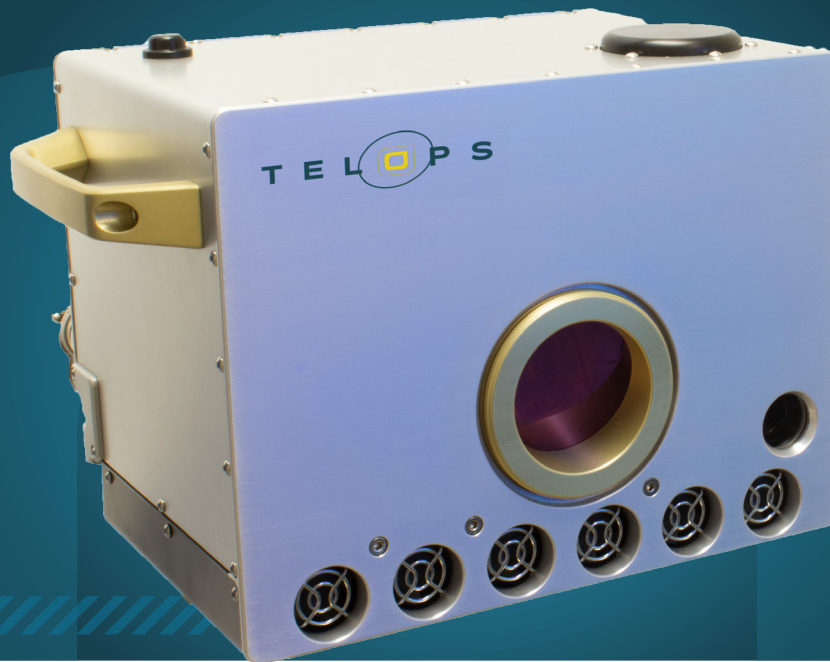


# HYPER-CAM MINI MWf



## 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**



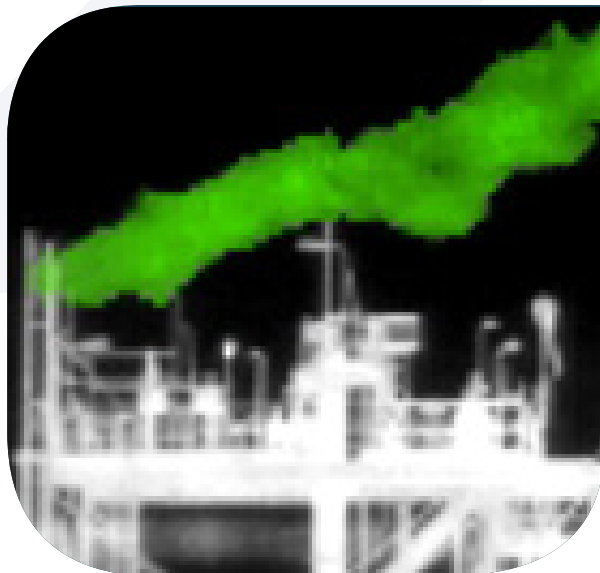
**320 X 256 PIXEL COOLED DETECTOR  
SENSITIVE OVER 2.9 – 5.2  $\mu\text{m}$  SPECTRAL  
RANGE WITH USER-SELECTABLE  
SPECTRAL RESOLUTION UP TO 4  $\text{cm}^{-1}$**



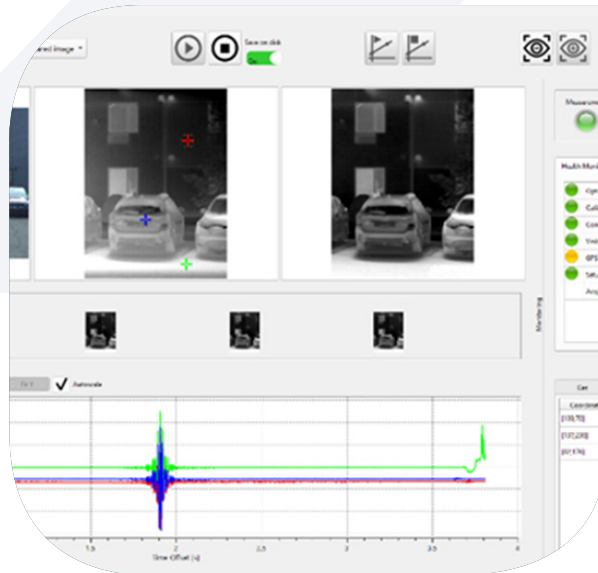
**PERMANENT RADIOMETRIC  
CALIBRATION**

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  $\mu\text{m}$ ), 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 $\mu\text{m}$ (1920 – 3450 $\text{cm}^{-1}$ )
Field of View	14° x 11°
Maximum spectral resolution	4 $\text{cm}^{-1}$
Noise Equivalent Spectral Radiance (typical)	< 10 $\text{nW}/\text{cm}^2.\text{sr}.\text{cm}^{-1}$
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

sales@telops.com



telops.com

**EXOSENS**  
REVEAL THE INVISIBLE