

Hyper-Cam Airborne Mini



THE HYPER-CAM
AIRBORNE MINI

KEY FEATURES



COMPACT & LIGHTWEIGHT



SELECTABLE SPECTRAL RESOLUTION



HIGH SPATIAL RESOLUTION



HIGH TEMPORAL RESOLUTION



EXTREME FLEXIBILITY

The Hyper-Cam Airborne Mini paves the way towards a striking revolution in infrared hyperspectral imaging. This lightweight FTIR sensor is designed for use in compact aerial platforms without compromising measurement performance. The easy and flexible operation makes the Hyper-Cam Airborne Mini a versatile tool, well-suited to meet the requirements of the most demanding applications, including ground target signature collection, mineral mapping and gas detection and identification.

Hyper-Cam Airborne Mini



Industrial gas detection & identification



Gas emission from oil plant.

SPECIFICATIONS

Operational Modes	Mapping, Targeting
Spectral Range	7.4 – 11.8 μm
Pixel Field of View	750 μrad
Total Angular Range	13.5 X 10.9 $^\circ$
Optical Head Inclusions	Image Motion Compenations Mirror Boresighted Visible Camera GPS/INS+ Platform
Power Consumption	< 260 W
Head & Platform Size	28 x 35 x 38 cm
Control Box Size	23 x 21 x 18 cm
Head & Platform Weight	< 20 kg
Control Box Weight	< 4 kg
Typical NESR	< 35 nW/(cm 2 sr cm $^{-1}$)

sales@telops.com



telops.com

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