HYPERSPECTRAL IMAGING SYSTEMS

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, wellsuited 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 & gas 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°
Optical Head Inclusions	Image Motion Compesations 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})

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