SphereOptics

SphereOptics GmbH
Gewerbestrasse 13
82211 Herrsching

Contact
Dr. Andreas Eisele
Phone: +49 8152 / 983 78-90
E-Mail: info@sphereoptics.de
www.sphereoptics.de

Press Release

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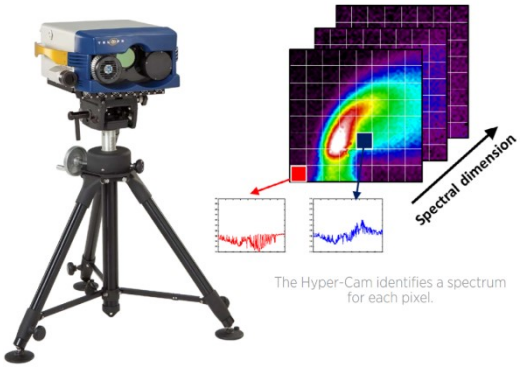
Thermal Infrared (IR) Hyperspectral Imaging

Telops' **Hyper-Cam** is an advanced passive infrared hyperspectral imaging system. This remote sensing instrument combines high spatial, spectral and temporal resolution providing unmatched performances. It is a versatile tool for remote detection, identification and quantification. It provides real-time radiometrically calibrated data for gas and solid detection and identification.

The **Hyper-Cam** is an imaging Fourier Transform Infrared (FTIR) spectrometer and is available for the midwave infrared (1.5 µm – 5.4 µm), for the longwave infrared (7.7 µm – 11.8 µm), and also as an application specific model to detect methane (CH4) and nitrous oxide gas (N20), the **Hyper-Cam Methane** (7.4 µm – 8.3 µm).

Telops' **Hyper-Cam** provides hyperspectral infrared imagery by measuring interferograms simultaneously for each of the 320 x 256 pixels. It may be used on the ground using a tripod mount or as an airborne mapper using the **Hyper-Cam airborne platform**. To meet these requirements, it can be configured in accordance with individual user needs.

Please contact us directly for further information.



Thermal Infrared (IR) Hyperspectral Imaging from Telops

More information:
http://sphereoptics.de/en/thermal-infrared-ir-hyperspectral-imaging/

Author: Dr. Andreas Eisele, SphereOptics GmbH