

# Hyperspectral Imaging System

SPECIM have released AisaEAGLET, a Hyperspectral Imaging airborne sensor specifically designed for small aircrafts and Unmanned Aerial Vehicles (UAVs). AisaEAGLET will be officially presented at the EARSEL Imaging Spectroscopy workshop in Tel-Aviv, Israel, 16-19 March 2009.

AisaEAGLET is a compact and lightweight hyperspectral airborne sensor that acquires full, contiguous hyperspectral data in the VNIR region (400-1000 nm) and up to 100 push-broom images per second. AisaEAGLET also provides 1600 pixels across the swath. Its flexibility makes it a remote sensing tool for a wide range of applications, from environmental monitoring and forestry to security and defense. AisaEAGLET consists of the hyperspectral sensor, GPS/INS sensor, data acquisition computer and flight operation software. Its modular design and total mass of 10kg of the complete system allow quick installation in various payload compartments.

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<https://www.gim-international.com/content/news/hyperspectral-imaging-system>

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