

"DBS"

A Dual Band CCD Camera

The DBS (Dual Band Sensor) VIS / NIR camera enhanced spectral differences between the objects and background.

It can be used for:

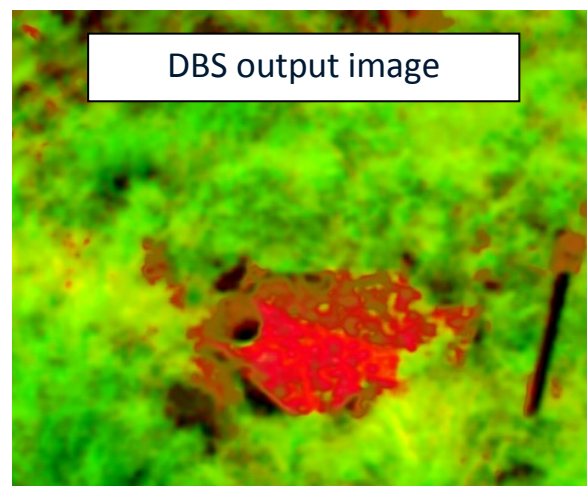
- Mapping of water stress in vegetation
- Detection of camouflage nets
- Detection of missile plumes
- Authenticity verification



Main features

- Spectral response: visible to near IR (0.4-1.0mm)
- Simultaneous registered video from both spectral bands
- The spectral response of each channel is defined by spectral band pass filters that can be changed by the user
- Bayonet mount compatible with NIKON-F lenses

Detecting camouflaged soldier hiding near vegetation by using the DBS



The DBS emphasizes camouflage materials (in red) that have different spectral behavior than the surrounding vegetation (green).



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