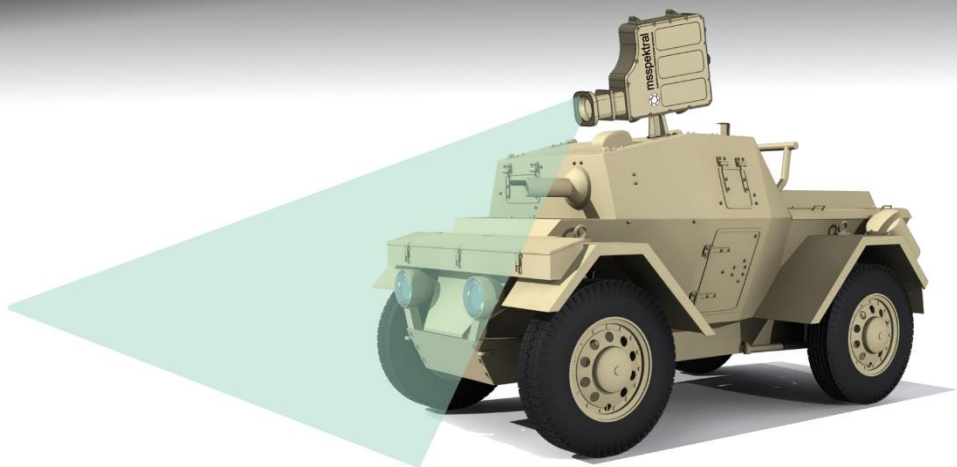




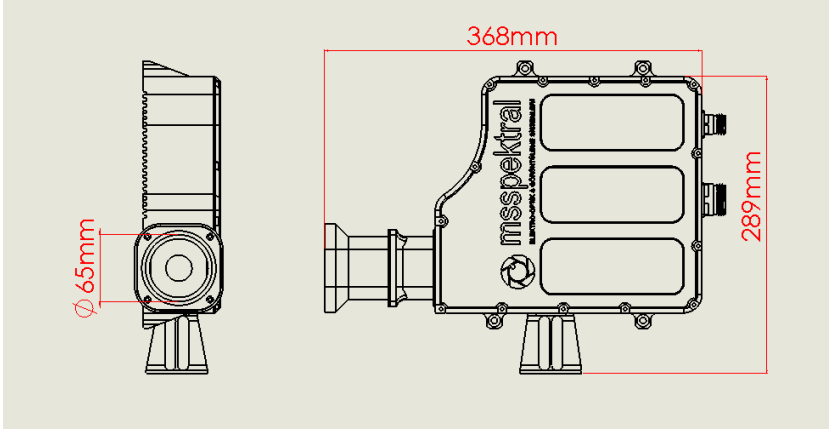
KEMGÖZ, Hyperspectral Imager

MS-HSVNIR-05

- 400nm~1000nm spectral range
- 4,5nm spectral resolution
- 134 spectral bands
- Mine detection
- Stand alone execution
- PC Interface software



KEMGÖZ is a linear scanning hyperspectral imager with 134 spectral bands for armored vehicles. Thanks to its durable mechanical design, developed for military platforms, it is compatible for harsh conditions. It can transmit the acquired hyperspectral image in real time with GigE port or save to its local storage with 300 GB capacity.



With the PC interface software, it can also be used with a rotational stage. Therefore, KEMGÖZ is also a suitable imaging system for industrial and laboratory researches.



SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Spectrum	400nm~1000nm
Number of Spectral Bands	134
Spatial Resolution	1600
Storage	300 GB
PC Interface	GigE
Protection Class	IP66
Operating Temperature	-20°C ~+50°C
Operation Humidity	≤%90 relative humidity

PERFORMANCE

Smile Distortion	≤ 50 μm (KEMGÖZ-I) ≤ 3 μm ((KEMGÖZ-II))
Spectral Resolution	≤ 5 nm (KEMGÖZ-I) ≤ 3 nm ((KEMGÖZ-II))

MS SPEKTRAL ELEKTRO-OPTİK ve GÖRÜNTÜLEME SİSTEMLERİ

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