

# Desktop Hyperspectral imager

**HYSPIM**



**Hyperspectral Imager**

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## **DESKTOP SYSTEM**

*System components:*

- Hyperspectral imaging camera
- Scanner with 200mm Scanning length
- Scanning resolution: 0.1 mm
- light source: 4 halogen lamps

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# Airborne Hyperspectral imager



## Hyperspectral imager for airborne

- Operational mode: push-broom
- Lightweight: about 1kg
- Dimensions: 60\*60\*191 (mm)
- Fast frame rate: about 230fps
- FOV: depends on objective lens

# Field Hyperspectral imager

## FIELD SYSTEM

*System components:*

- Hyperspectral imaging camera
- Scanning speed with 0.004 – 8 deg/s
- Programmable scanning



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# Hyperspectral Imager

# HYSPIM

Hyperspectral imager (HYSPIM) specifications

Model	HS-Vis_NIR-15fps	HS-Vis_NIR-100fps	HS-Vis_NIR-350fps	HS-Vis_NIR-750fps
Spectral range	400-950nm	400-950nm	400-950 nm	400-950nm
Slit sampling	350 pixels	400 pixels	200 pixels	150 pixels
Spectral resolution	2.5nm	2.5nm	2.5 nm	2.5nm
Spectral sampling	> 440 pixels	> 440 pixels	> 440 pixels	> 440 pixels
Max frame rate	15fps	100fps	350fps	750fps
Bit Depth	12	12	12	12



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