

تصویربرداری فراتطیفی رومیزی

Desktop Hyperspectral imager



Hyperspectral imager specification in different models

Model	HS-Vis-12bit-15fps	HS-Vis_NIR-12bit-15fps	HS-Vis-12bit-230fps	HS-Vis_NIR-12bit-230fps
Spectral range	400-800 nm	400-950nm	400-800nm	400-950nm
Spectral resolution	2nm	2.5nm	2nm	2.5nm
Max frame rate	15fps	15fps	230fps	230fps
Bit Depth	12	12	12	12

DESKTOP SYSTEM

System components:

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

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تصویربرداری فراسطیفی میدانی Field Hyperspectral imager

تصویربرداری فراسطیفی هواپرد Airborne Hyperspectral imager



Hyperspectral imager for airborne

- Operational mode: push-broom
- Lightweight about 1kg
- Small form factor
- Fast frame rate about 230fps
- Field of view about 10 degree

FIELD SYSTEM

System components:

- Hyperspectral imaging camera
- Sun, Moon, Star tracking modes
- Alt/Az scanning with 0.004 – 8 deg/s
- Programmable scanning



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