

تصویربرداری فراتطیفی رومیزی

Desktop Hyperspectral imager



Hyperspectral imager specification in different models

Model	HS-Vis-12bit-15fps	HS-Vis_NIR-12bit-50fps	HS-Vis_NIR-12bit-230fps
Spectral range	400-800 nm	400-950nm	400-950nm
Spectral resolution	2nm	2.5nm	2.5nm
Max frame rate	15fps	50fps	230fps
Bit Depth	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

www.hyspim.com

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Tel: 02433154212

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

تصویربرداری فراسطیفی میدانی Field Hyperspectral imager

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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Parto Afzar Sanat co.
www.partoafzar.ir

Hyperspectral imager

Hyperspectral imager specification in different models

Model	HS-Vis-15fps+scanner	HS-Vis_NIR-15fps	HSI-Vis_NIR-15fps+scanner	HSI-Vis_NIR-15fps+scanner+cover	HS-Vis_NIR-50fps	HSI-Vis_NIR-50fps+scanner	HSI-Vis_NIR-50fps+scanner+cover	HS-Vis_NIR-230fps	HSI-Vis_NIR-230fps+scanner	HSI-Vis_NIR-230fps+scanner+cover
Spectral range	400-800 nm	400-950nm	400-950 nm	400-950nm	400-950 nm	400-950 nm	400-950 nm	400-950 nm	400-950 nm	400-950 nm
Spectral resolution	2nm	2.5nm	2.5nm	2.5nm	2.5nm	2.5nm	2.5nm	2.5nm	2.5nm	2.5nm
Max frame rate	15fps	15fps	15fps	15fps	50fps	50fps	50fps	230fps	230fps	230fps
Bit Depth	12	12	12	12	12	12	12	12	12	12



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