

تصویربرداری فراترکیبی رومیزی

Desktop Hyperspectral imager

HYSPIM



Hyperspectral imager specification in different models

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

www.hyspim.com

mail: sale@hyspim.com

Tel: 02433154212

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



شرکت پرتو افزار صنعت
Parto Afzar Sanat co.
www.partoafzar.ir

Hyperspectral imager

تصویربرداری فراطیفی

Hyperspectral imager specification in different models

| Model | HSI-Vis_-15fps | HSI-Vis-15fps+scanner | HSI-Vis_NIR-15fps | HSI-Vis_NIR-15fps+scanner | HSI-Vis_NIR-15fps+scanner+cover | HSI-Vis_NIR-50fps | HSI-Vis_NIR-50fps+scanner | HSI-Vis_NIR-50fps+scanner+cover | HSI-Vis_NIR-230fps | HSI-Vis_NIR-230fps+scanner | HSI-Vis_NIR-230fps+scanner+cover |
|---------------------|----------------|-----------------------|-------------------|---------------------------|---------------------------------|-------------------|---------------------------|---------------------------------|--------------------|----------------------------|----------------------------------|
| Spectral range | 400-800 nm | 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 | 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 | 15fps | 50fps | 50fps | 50fps | 230fps | 230fps | 230fps |
| Bit Depth | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |



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