

Lyra VIS



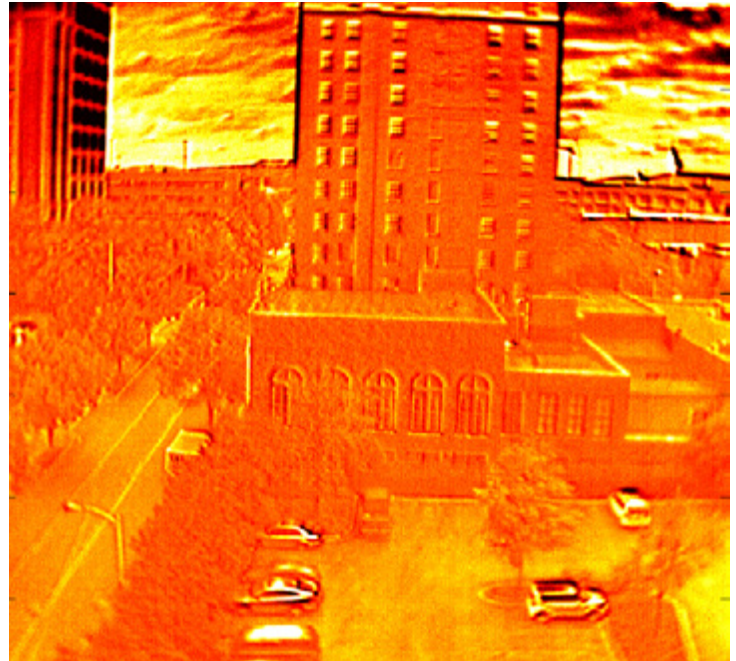
Detector	CMOS
Waveband	Visible
Pixel Pitch	4.8µm
Resolution (HxV)	700 x 700 pixels
Field of View (Standard Lens)	36° x 36°
Camera Frame Rate	30Hz
NEDOLP @ f/0.85	0.2%
Input Voltage	5-12V
Size with Standard Lens (LxWxH)	1.75" x 1.75" x 2.75"
Weight with Standard Lens	6.5oz
Data Interface	GigE
Steady Power @ 70°F	5W
Data Products	S0, S1, S2, DoLP, AoP

Summary

- Small, light-weight, low-cost visible imaging polarimeter
- Ideally suited for measuring the polarization of water or the sky
- Can also be used to measure polarization of terrestrial or aeronautical targets
- Low noise polarization sensing
- Measures the full stokes vector
- Includes Grave' software package for graphical visualization and recording

Applications

- Scientific imaging
- Obstacle avoidance
- Damage assessment
- Surveying
- Agriculture



A polarization enhanced image highlighting man-made objects.

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