



**Vision Aerial**



## A7R Inspection Gimbal Data Sheet

Full control of the SonyA7R is a perfect solution for inspection specific missions. The Sony camera is powered by the drone, eliminating the need for battery management for the sensor. This functionality mitigates your mission from ending early due to a low charge on the camera.

The Pixy S is a lightweight alternative to the T3 gimbal which allows for longer flight times to maximize mission specific tasks.

Vision Aerial gives the operator the ability to control the gimbal, along with camera settings and geotag images directly to the camera SD card.

### Key Features:

Elevate your inspections to new heights with the ability to have full control over your high resolution, full-frame camera sensor and achieve a 25% increase in flight time with 550g less weight than the T3.

61 MP full-frame sensor.

Controllable tilt, pan of gimbal.

Control ISO, shutter speed, aperture, zoom.

In-camera geotagged images.

### Contact

**(406) 333-1795**

**[visionaerial.com](http://visionaerial.com)**



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### Camera

Brand	Sony
Model	A7Riv
Lens Compatibility, additional options coming soon	SEL55F18Z
Max Photo Res & Frame Rates	61 MP up to 10 fps
Max Movie Res & Frame Rates	4K / 30p HD / 120p
Maximum ISO Sensitivity	Photo: ISO 100–32000 Movie: ISO 100–32000
Base Weight	1.46 lb / 665 g

### Camera Control

Zoom
ISO
Aperture
Shutter Speed
In-Camera Geotagged Images

### Gimbal

Model	Pixy S
Angular Vibration Range	± 0.02 °
Controllable Range	Pan ± 320 ° Tilt -120° to 40°
Max Controllable Speed	Pan 180°/s Tilt 180°/s
Interface Type	Detachable via EPCS/PCS
Mechanical Range	Pan -328° to +328° Tilt -140° to +50°
HDMI Resolution Support	1080p 60fps
Operating Temperature	14° F ~ 122° F (-10° C ~ 50° C )
Weight	1.37 lb / 623 g

### Total Payload Weight

Total Base Weight (camera, lens, gimbal, control)	3.89 lbs / 1765 g
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