



Astrosite™

WORLD-FIRST MOBILE SPACE SITUATIONAL
AWARENESS (SSA) MODULE



WESTERN SYDNEY
UNIVERSITY



The Astrosite™ is a world-first mobile space situational awareness (SSA) module.

The potential of this technology is game-changing. Using event-based cameras, our research team have been able to capture objects in space in an unprecedented range of conditions. This solution broadens the potential application including the observation of high-speed phenomena such as satellites in the daytime, drone obstacle avoidance, imaging in low-visibility environments, and the high-speed tracking of objects. All at low power and low data rates.

Astrosite™ is based on the ground-breaking work from Western Sydney University's International Centre for Neuromorphic Systems (ICNS) and supported by RAAF Plan Jericho.

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