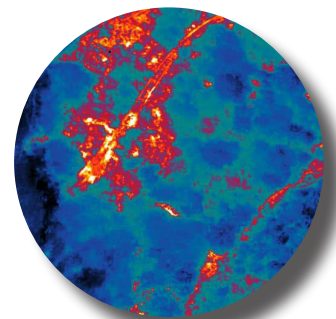
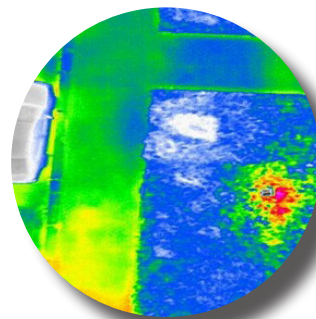
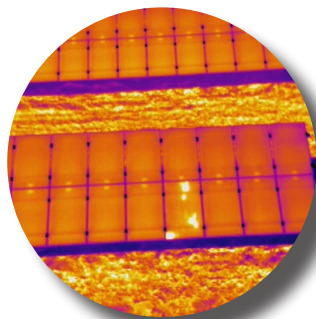
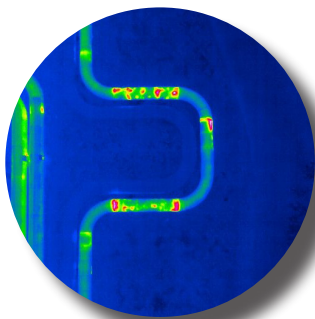




# INNOVATIVE DRONE SERVICE

## UNDERWATER & AERIAL CAPABILITIES

- Surveying
- Asset Inspections
- Fauna Monitoring
- Water Leak Detection
- Subsidence & Landslip Analysis
- Stormwater & Erosion Monitoring
- Underwater Cable & Pipeline Inspections
- Tailings Dams & Infrastructure Monitoring
- Internal Water Tank & Reservoir Inspections
- Volumetric Surveys for Mines, Quarries & Landfills
- Mooring Line, Hull & Propulsion System Inspections



## DRONE SPECIFICATIONS

- 640x512 px, 30Hz thermal camera & 48MP visual camera with a 1/2" CMOS sensor
- 16x Zoom on the thermal + 32x Digital Zoom on the RGB
- High Digital Zoom & Accurate Positioning
- Dual Vision / Split Screen Capabilities
- Professional Underwater Imagery
- 3D Mapping & Reporting
- Thermographic Imagery

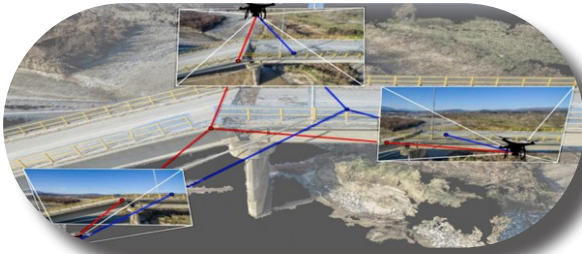


**Australian Government**  
**Civil Aviation Safety Authority**

Remote Pilot License (RePL) No. 1157258

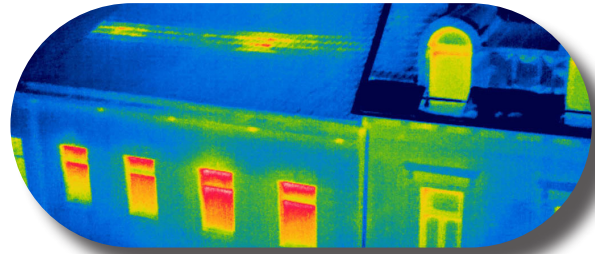


# INNOVATIVE DRONE SERVICE



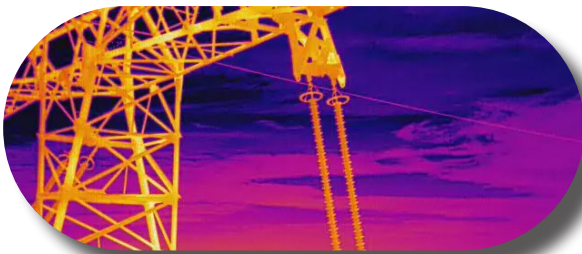
## Bridges

Aerial bridge inspections have proven their value by being able to safely reach places that rope access and elevated work platforms can not. High end zoom cameras allow detailed imagery of all areas of the structure.



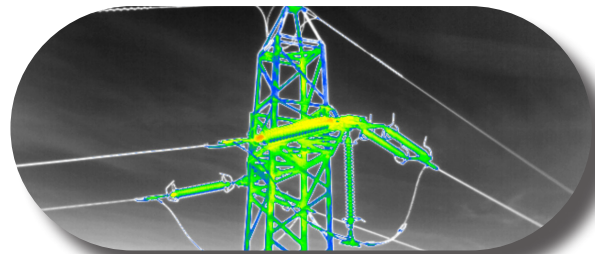
## Buildings

Using optical and thermal camera sensors, our systems are capable of close visual inspections of building roofs and facades to spot defects such as leaks, damaged tiles, brick work, corrosion, concrete cancer, cracks and window structural issues.



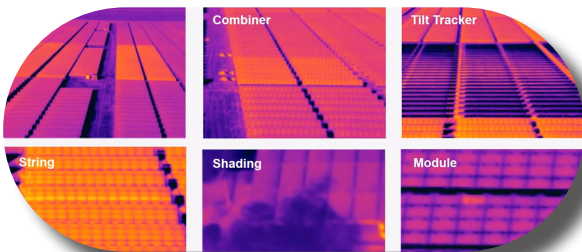
## Mobile Phone Towers

Due to the number of 4G and 5G mobile phone towers throughout Australia, asset owners are always looking for ways to reduce the cost and time of inspections. Drones are an ideal, fast and efficient inspection method that can identify issues such as corrosion, animal intervention, faulty wiring and missing bolts.



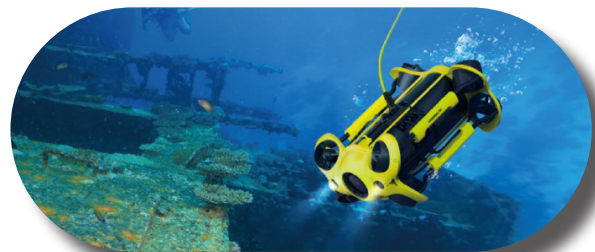
## Power Line & Towers

Drones have become an essential tool in these inspections, as they provide crucial data to make informed decisions. Our industrial drones are immune to interference, equipped with zoom lenses for provide high detail imagery of the lines and components such as cross members, phase conductors, insulators and missing bolts.



## Solar Farms

Utilising drones for these inspections is a huge time saver as you are able to provide both RGB and radiometric imagery in the same flight, from the same sensor. Aerial systems can spot module faults with cells as well as failures with diodes.



## Underwater

Our ROV submersible drone allows OMNI movement in all directions, providing underwater inspection capabilities including, scientific exploration, underwater photography with high resolution, and underwater search and rescue.