

**DRAGONFLY**  
a e r o s p a c e

+27 (21) 206 6556

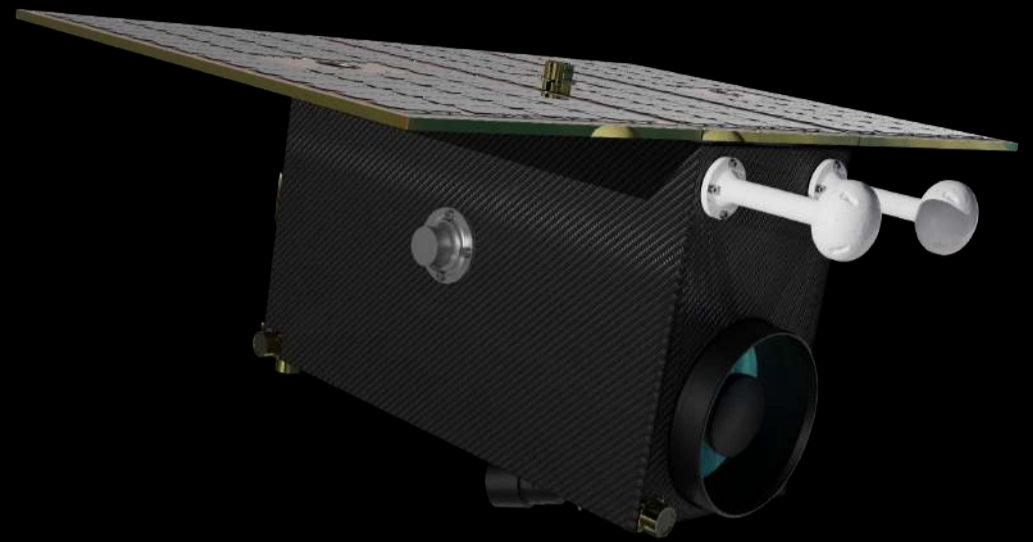
info@dragonflyaerospace.com



# KOMODOSAT

## Bus: $\eta$ Dragonfly

Class-leading multispectral imaging for a range of Earth observation and space situational awareness applications. Up to six  $\eta$ Dragonfly buses can be launched on a standard 24" ESPA port.



|                                           |                                    |
|-------------------------------------------|------------------------------------|
| <b>Spatial Resolution (GSD) at 500 km</b> | 1.5m PAN / 3 m MS in 11 bands      |
| <b>Swath at 500 km</b>                    | 15 km                              |
| <b>Total Mass</b>                         | 60 kg                              |
| <b>Lifetime</b>                           | 5 Years                            |
| <b>Ground Imaging Coverage</b>            | 1,2 million km <sup>2</sup> / day  |
| <b>Geolocation Knowledge Accuracy</b>     | 120 m (3-sigma)                    |
| <b>Pointing Control Accuracy</b>          | <0.01° (3-sigma)                   |
| <b>Stability Control Accuracy</b>         | <0.005°/sec (3-sigma)              |
| <b>Slew Rate</b>                          | Up to 12°/sec                      |
| <b>Image Compression</b>                  | RAW, J2K lossless or lossy         |
| <b>Fully Automated AOCS</b>               | Through target tracking            |
| <b>S-Band TMTC</b>                        | 400 kbps down, 150 kbps up         |
| <b>Data Downlink on X-Band</b>            | Up to 2.5 Gbps (Peak)              |
| <b>Orbit Average Power / Peak Power</b>   | Up to 70 W / 1200 W                |
| <b>Xenon Electric Propulsion System</b>   | Up to 11mN thrust, Delta-V: 230m/s |

## ABOUT DRAGONFLY AEROSPACE

Dragonfly Aerospace is an industry leader in world-class, high-performance imaging satellites and payloads. Our turnkey solutions for imaging satellites gets these strategic assets operational on orbit with the minimum time, cost and risk. Our imaging solutions enable our customers to create persistent views of the Earth in a wide range of spectrums for unprecedented business intelligence that helps improve the lives of people around the world.