



DRAGONFLY
a e r o s p a c e

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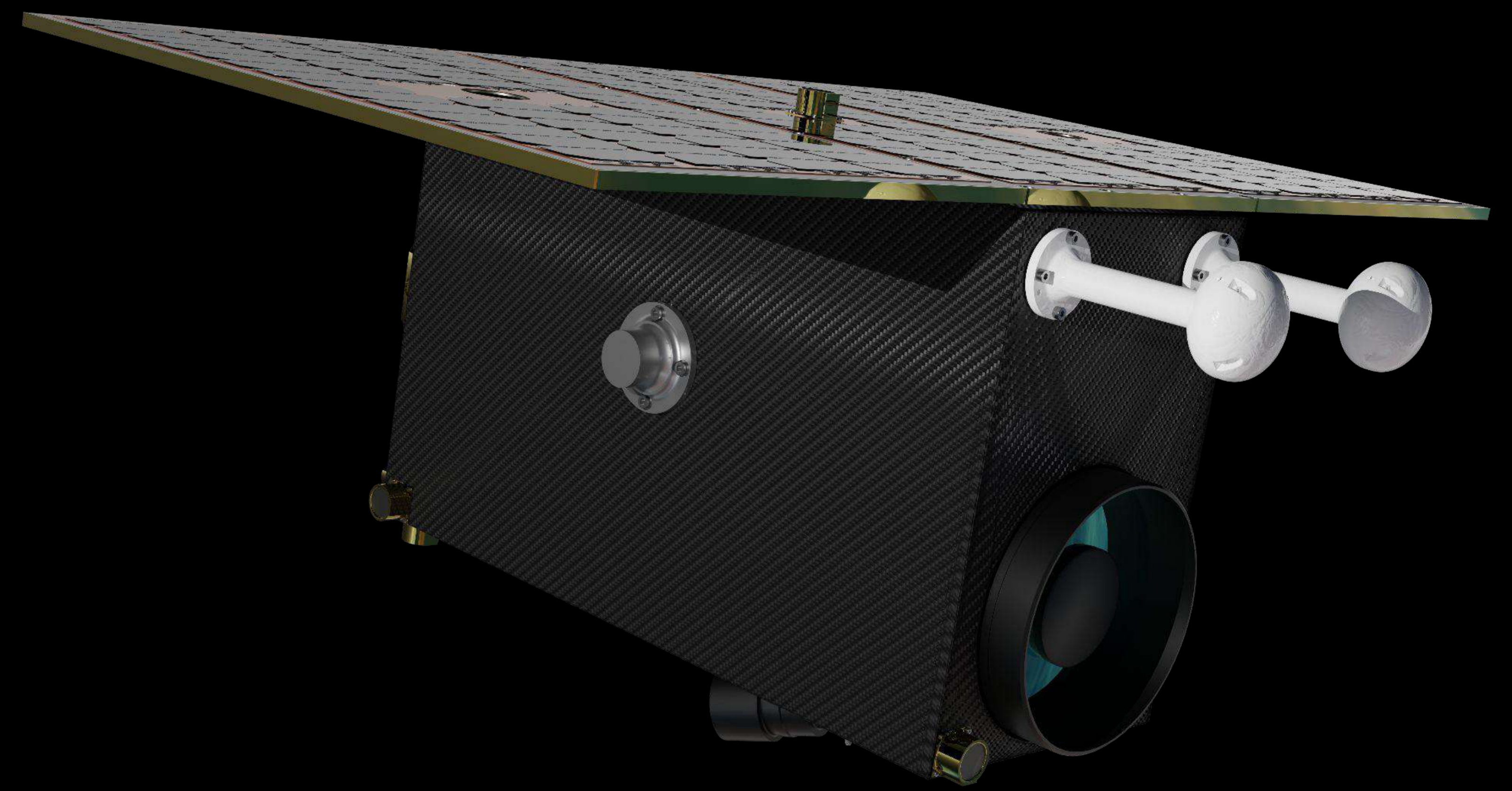
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KOMODOSAT

Bus: ηDragonfly

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



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