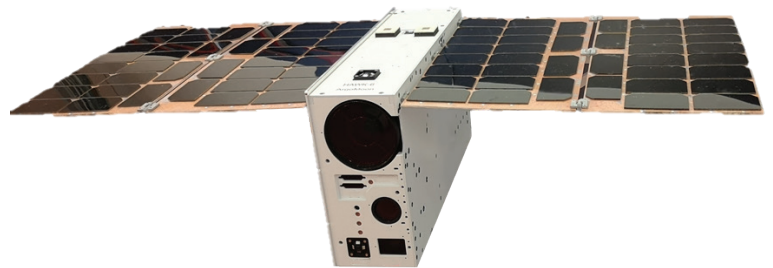


ARGOTEC HAWK PLATFORM

Product Brief

The combination of reliability and resistance allows the Hawk platform to take on the harsh space environment. It is also suitable to bring your payload into orbit and will drastically reduce the failure rate of the CubeSat missions. The Hawk platform's design, ongoing development, manufacture and qualification are carried out entirely by Argotec to meet the customers' requirements.

The HAWK platform can be customized according to the Payload's mass, volume, launcher and mission objectives. It is able to reach planets that are very far from Earth, as well as performing missions in Earth's own orbit thus greatly increasing the operational life of the mission.



	HAWK-6	HAWK-12
Mass	<14 kg	<24 kg
Volume	6U	12U
Payload Volume Available	1.5U	4U
Payload Power Available	3.3V (up to 10W), 5V (up to 30W), 12V (up to 40W), 28V (up to 50W)	
Payload Communication Interface	Spacewire, RS422, I2C, SPI, UART, LVDS	
Generated Power	80W Solar Panel (@BoL and 1AU)	160W Solar Panel (@BoL and 1AU)
Storage Power	120Wh Secondary Battery (@BoL)	240Wh Secondary Battery (@BoL)
Storage Memory	Up to 32GB	
Telemetry Tracking and Telecommand	X/S/UHF/VHF Band Compatible with DSN CCSDS Protocol	
Guide Navigation and Control	GPS (LEO), DSN Tracking Service (Deep Space Mission)	
Attitude Determination and Control	Reaction Wheels 3-axis Stabilized and Cold Gas System	
Propulsion	Cold gas /Chemical-monopropellant/Electrical propulsion	
Radiation Harness	>25krad (w/o structure shielding)	
Quality Certified	ISO9001:2019	

For further information

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