DRAGONFLY aerospace

+27 21 206 6556

info@dragonflyaerospace.com

DRAGONEYE IMAGER



Spatial Resolution (GSD) at 500 km	PAN 1.4 m / MS binned 2.8 m
Swath at 500 km	22.2 km
Mass	18 kg
Spectral Bands	10x MS plus 1x PAN
Satellite Bus Size	50-100 kg
Physical Size	320 mm (D) x 930 mm (L) plus electronics
Data Format	10-bit or 12-bit
Mass Storage	Optional
Compression	RAW or J2K lossless or lossy
Data Interface	Multi-gigabit transceiver, LVDS
TMTC Interface	RS422
Power Usage	Imaging mode: <45W, Readout mode: <25 W
Power Supply	28V DC
Operating Temperature	+10°C to +30°C
Survival Temperature	-20°C to +55°C
Flight Heritage	2 DragonEye imagers launched in 2023

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.