



+27 21 206 6556
info@dragonflyaerospace.com



KOMODO IMAGER



Spatial Resolution (GSD) at 500 km

Swath at 500 km

Mass (incl. electronics)

Spectral Bands

Imager Type

Physical Size

Data Format

Integrated Mass Data Storage

Compression

Data Interface

TMTC Interface

Power Usage

Power Supply

Operating Temperature

Survival Temperature

TRL

RGB

1.5 m

6.1 km

Standard RGB

Snap shot

8-bit or 10-bit

128 Gigabytes

Imaging mode <10 W

Readout mode <5 W

5V DC

MULTISPECTRAL

PAN 1.5 / MS 3 m (binned 2x2)

15 km

~ 12 kg (est)

11 x MS

Push broom

200 mm x 200 mm x 340 mm (est)

10-bit or 12-bit

512 Gigabytes

RAW or J2K lossless or lossy

LVDS, SpaceWire

RS422

Imaging mode <45 W (est)

Readout mode <25 W (est)

28V DC

+10°C to +30°C

-20°C to +55°C

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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.