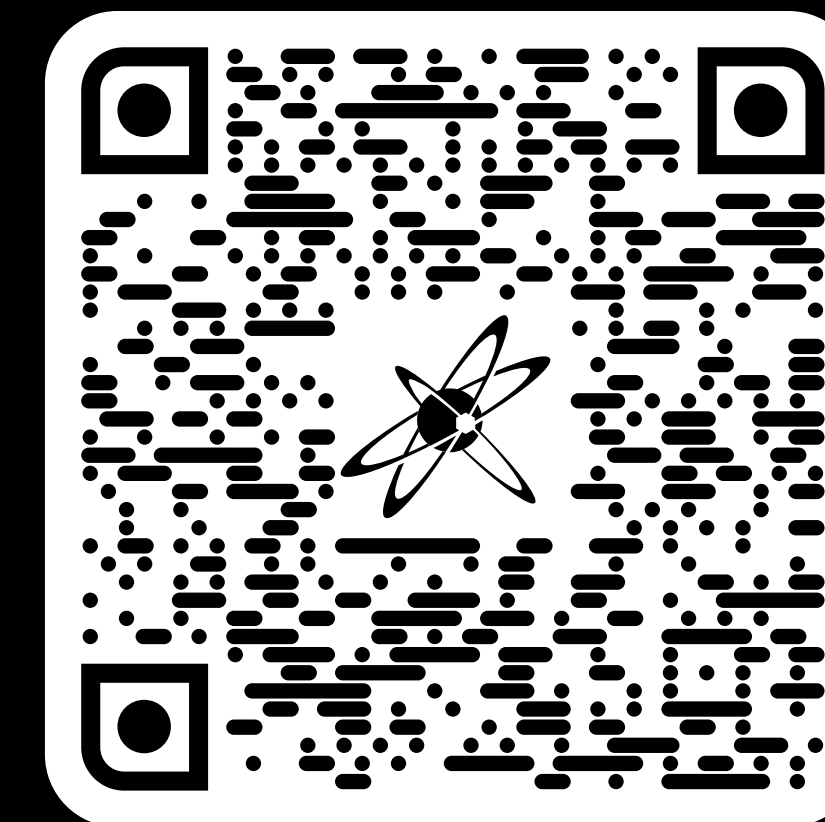




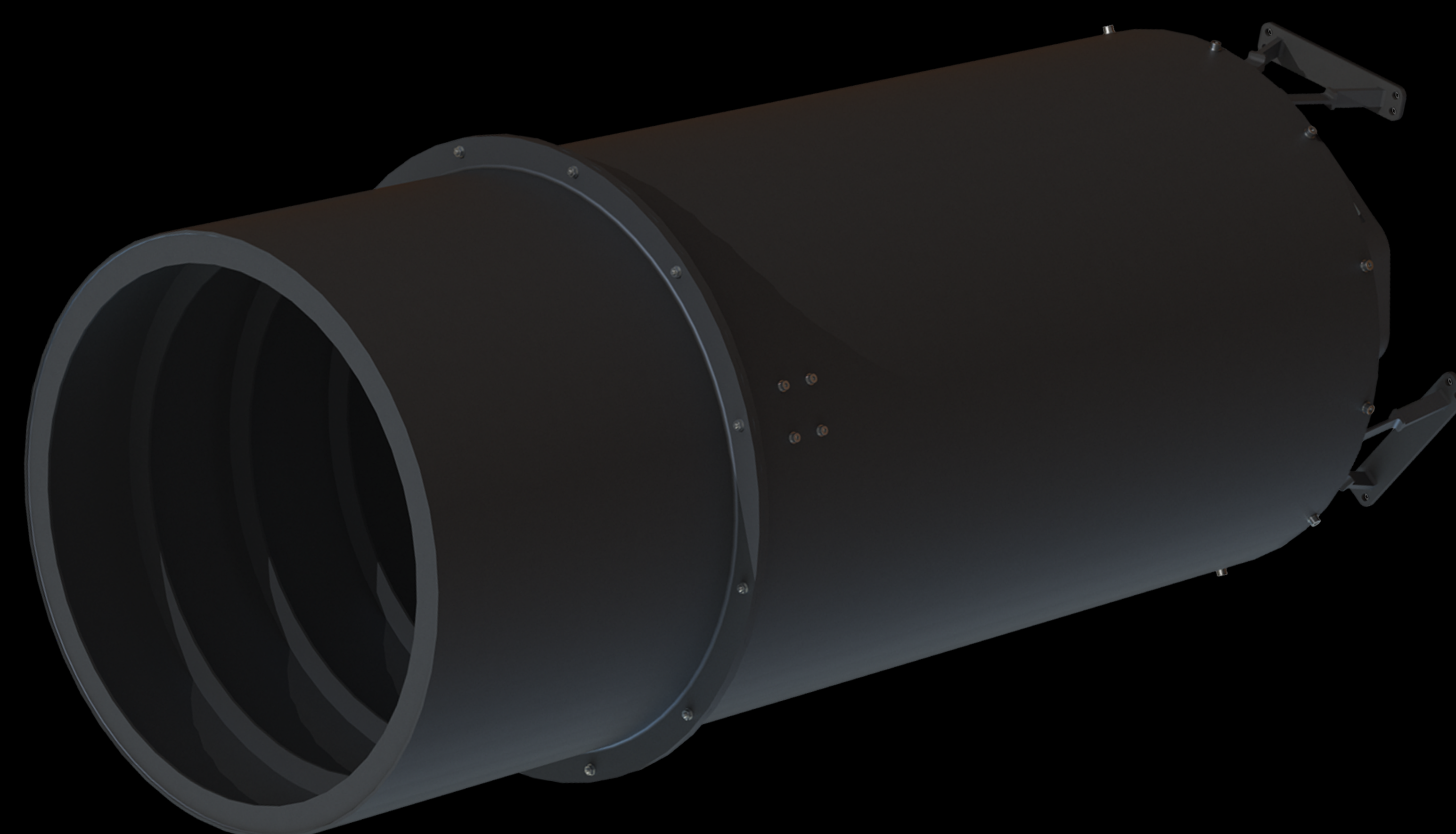
DRAGONFLY
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RAPTOR IMAGER



Spatial Resolution (GSD) at 500 km

Swath at 500 km

Mass (Including electronics)

Spectral Bands

Imager Type

Satellite Bus Size

Physical Size

Data Format

Mass Storage

Compression

Data Interface

TMTC Interface

Power Usage

Power Supply

Operating Temperature

Survival Temperature

TRL

PAN 0.5m / PAN 0.36* / MS 2m

8 km

55 kg

6 x MS

Push broom

100–150kg

635 mm (D) x 1450 mm (L)

10-bit or 12-bit

Optional

RAW or J2K lossless or lossy

LVDS, SpaceWire

CAN / RS422

Imaging mode <45W, Readout mode <25 W

28V DC

+10°C to +30°C

-20°C to +55°C

5

** with super resolution processing*

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.