

SPRINTER

BUILT FOR HIGH REVISIT

SPRINTER is a highly capable high resolution – low weight Micro Satellite, specifically designed for large scale High Revisit Constellations, operated in a coordinated manner.

SPRINTER delivers, in a light-weight, cost effective platform exceptional features of superior imagery, agile maneuvering, enhanced target collection capability and wide area coverage making it a class leading intelligence

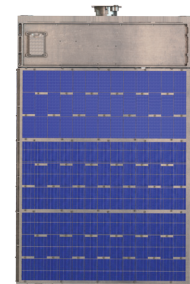
gathering asset.

SPRINTER introduces special design considerations for large scale high revisit earth observation satellite constellations characterized by unmatched mission effectiveness for a platform of it's size with lightweight of 35 kg and small dimensions which ensures affordable launch.

IMAGING PARAMETERS

ADVANTAGES

RESOLUTION	100 cm (Native, At Nadir from 500km)
SWATH	7 Km *
IMAGING PRODUCTS	Panchromatic & Video
IMAGING MODES	Spot, strip, mosaic, video
SPECTRAL BAND	400÷670 nm
LIFESPAN	4 years
SENSOR TYPE	50Mp CMOS sensor
SCANNING TYPE	Image staring & stacking
IMAGING SUNLIGHT CONDITIONS	Sun-over-horizon angle: more than 10°
SAMPLING DEPTH	12 bits
SIZE	40 x 40 x 70
WEIGHT	35 kg



- ✓ < 100 CM RESOLUTION IMAGERY
- ✓ OPTIMAL SIZE \ COST WORKING POINT
- ✓ ON-BOARD PROCESSING
- ✓ LIGHTWEIGHT, SMALL SIZE, COST EFFECTIVE
- ✓ IDEAL FOR HIGH REVISIT CONSTELLATIONS

