

DATASHEET

DAILYVISION



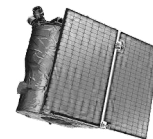


DATASHEET DAILYVISION

The DailyVision 0.75m constellation currently consists of 54 SSO satellites in orbit, eventually aiming to provide satellite imaging anywhere on Earth every 15 minutes at a resolution better than one meter. The current 54 satellites offer the ability to task satellites to capture images at a resolution of 0.75m and revisit up to 18 times per day.

Additional satellites will be launched to complete the constellation. The completed constellation aims to provide high-quality geospatial information products and services with the best temporal resolution (from 9:00 AM to 5:00 PM local time) and submetric spatial resolution.

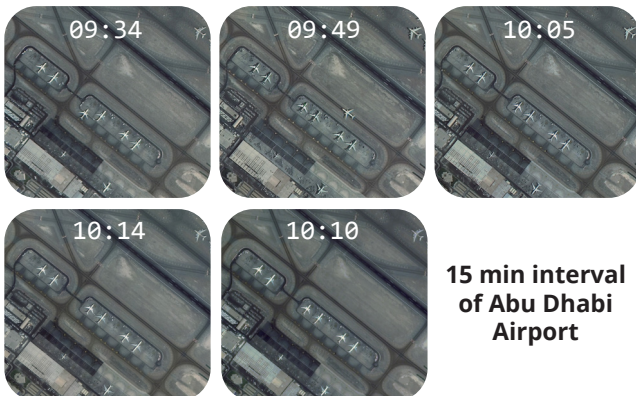
- ✓ Satellites in one orbit plane, offering high temporal resolution with daily revisit up to 15 mins revisit at 138 satellites constellation
- ✓ Current high revisit: Submeter imagery 18 times a day



75 CM

**18X DAY
REVISIT**

NEAR REAL TIME MONITORING



**15 min interval
of Abu Dhabi
Airport**

SENSOR BANDS



PANCHROMATIC



MULTISPECTRAL

Orbit	Altitude: 535 km Type: sun-synchronous orbit
Sensor bands	Panchromatic: 450-700nm 4 multispectral: Blue: 450-510 nm Green: 510-580 nm Red: 630-690 nm Near-IR: 770-895 nm
Ground Sampling Distance	PAN (nadir): 0.75m MS (nadir): 3m
Dynamic range	12 bits
Swath width	18 km
Onboard storage	400GB
Revisit time	18 times/day
GEO location	<8 m (CE90)
Off-pointing angle	± 45°
Imaging Mode	push broom imaging, multiple target push broom imaging

