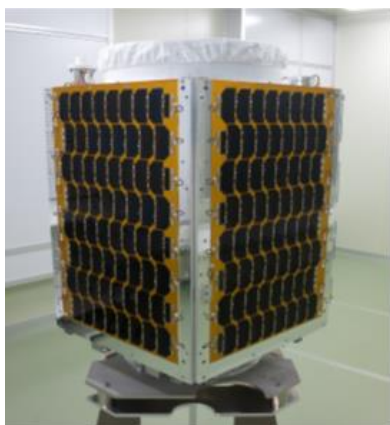


## Announcing the Launch of CE-SAT-IB from Mahia Peninsula

Canon Electronics Inc. will launch its second microsatellite, CE-SAT-IB, as below. Other than the cassegrain reflector and magnetorquer also on board the first satellite, CE-SAT-IB is equipped with newly developed sensors and actuators mainly for attitude determination and control, employing more in-house developed components than before. CE-SAT-IB will go through a 2 year demonstration experiment for forthcoming mass production.

- Scheduled Date of Launch : Mid-May, 2020 onward
- Location : Rocket Lab Launch Complex 1 on Mahia Peninsula, New Zealand
- Scheduled Launch Vehicle : Electron, Rocket Lab
- Specifications of CE-SAT-IB



Mass	67kg
Dimensions	500mm × 500mm × 850mm
Orbit	Sun-synchronous orbit (Altitude:500km)
Detector	Primary: EOS 5D Mark III with Mirror Diameter 400mm (Telephoto) Secondary: PowerShot S110 (Wide-Angle)
GSD	Approx. 0.9 m (Telephoto)
Shooting Area	5km × 3km (Telephoto)
<In-house Developed and Manufactured components>	
Cassegrain Reflector, Geomagnetic Sensor, Sun Sensor, Star Tracker, Inertial Reference Unit, Magnetorquer, Reaction Wheel, Onboard Computer and others.	

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