
Announcing the Launch of CE-SAT-II B with Rocket Lab' s Electron

Canon Electronic Inc. ' s second microsatellite, CE-SAT-IB, which launched on a Rocket Lab Electron rocket yesterday could not reach orbit due to issues with the rocket. However, we are pleased to announce the launch of our third microsatellite, CE-SAT-II B, again with Electron, as below.

With the newly developed super high sensitivity camera, CE-SAT-II B is capable of observing the earth during night time. The satellite is equipped with 3 types of cameras including Canon' s mirrorless camera and compact digital camera. CE-SAT-II B will go through a 2 year demonstration experiment for forthcoming production of cassegrain reflectors as series.

■ Scheduled Date of Launch : Second half of 2020 onward

■ Location : Rocket Lab Launch Complex 1 on Mahia Peninsula, New Zealand

■ Scheduled Launch Vehicle : Electron, Rocket Lab

■ Specifications of CE-SAT-II B

Mass 35.5kg

Dimensions 292mm × 392mm × 673mm

Orbit Sun-synchronous orbit(Altitude: 500km)

Detector Primary telephoto: Super high sensitivity camera with Mirror Diameter 200mm
Secondary telephoto: EOS M100 with Mirror Diameter 87mm

Wide-Angle: PowerShot G9X MarkII

GSD Primary telephoto: Approx. 5.1m
Secondary telephoto: Approx. 5m

Shooting Area

Primary telephoto: 3.5km × 2.3km

Secondary telephoto: 5.6km × 3.7km



<In-house Developed and Manufactured Components>

Cassegrain Reflector, Super High Sensitivity Camera, Geomagnetic Sensor, Sun Sensor, Star Tracker, Inertial Reference Unit, Magnetorquer, Reaction Wheel, On Board Computer and others.

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