



i-CanSat

Introductory miniature satellite

WHAT IS i-CanSat?

i-CanSat is an affordable educational satellite kit, designed by Prof. Hironori SAHARA of Tokyo Metropolitan University. It is designed to provide hands-on training about basic satellite engineering and technology. The miniature satellite includes all the subsystems that are similar to the real satellite. The learner can acquire basic satellite engineering using i-CanSat which includes knowledge about system engineering, on-board computer (OBC), sensors, actuators, assembly, integration and testing (AI&T) and project management.

i-CanSat kit specifications

Electrical

- GPS and its breakout board
- Power board
- User board
- On-board computer (OBC) board (PIC)
- Camera and its breakout board
- Communication board (Xbee module)

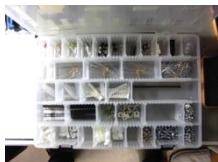


Mechanical

- Weight : 150g
- Size(L=121.8mm, D=53.4mm)

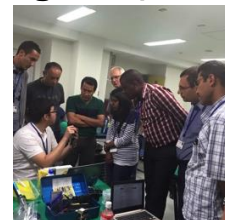
Accessories

- Microchip PIC programmer
- Spacers, Screws and nuts
- Battery
- Manual



CanSat Leader Training Program (CLTP)

CLTP is a training course for instructors of CanSat training. Participants will experience the entire cycle of CanSat development from designing to launching. Through the program, you will learn the basic space technology and a teaching methods of hands-on training.



CanSat Mapping





Projects done by people learned satellite engineering using iCanSat can be accessed from the CanSat Mapping website.



URL ▶ <http://satellite.unisec.info>

HOW TO ORDER i-CanSat

Easy Purchase made in 4 steps

- 1  Mail To UNISEC
- 2  (After Reply) Fill In Delivery Information
- 3  Make Payment
- 4  Delivery

Contact : CLTP Office at UNISEC

E-mail: secretariat@cltp.info TEL: +81-3-5800-6645

<http://cltp.info/>

2-3-2, Yayoi, Bunkyo, Tokyo 113-0032, Japan

