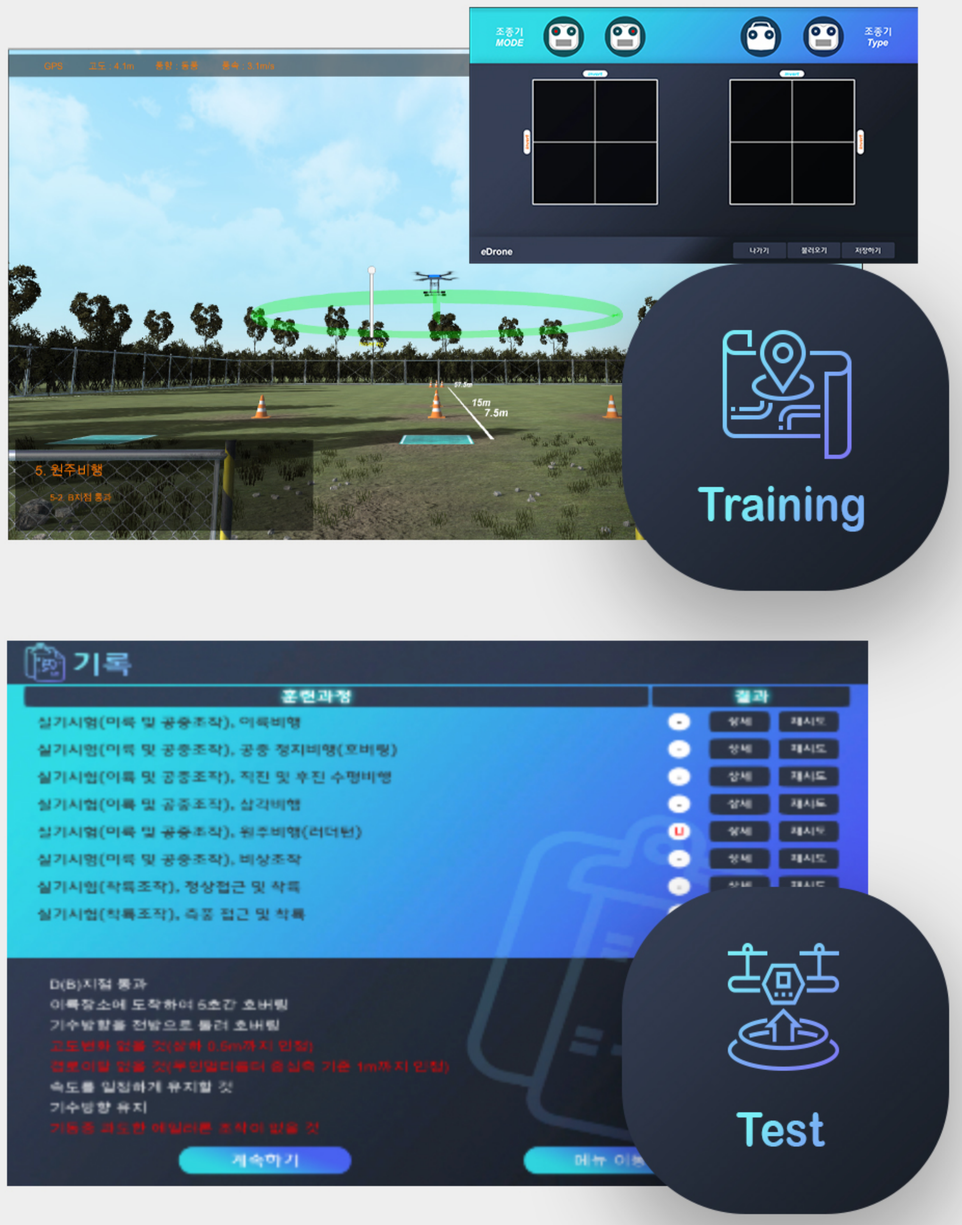
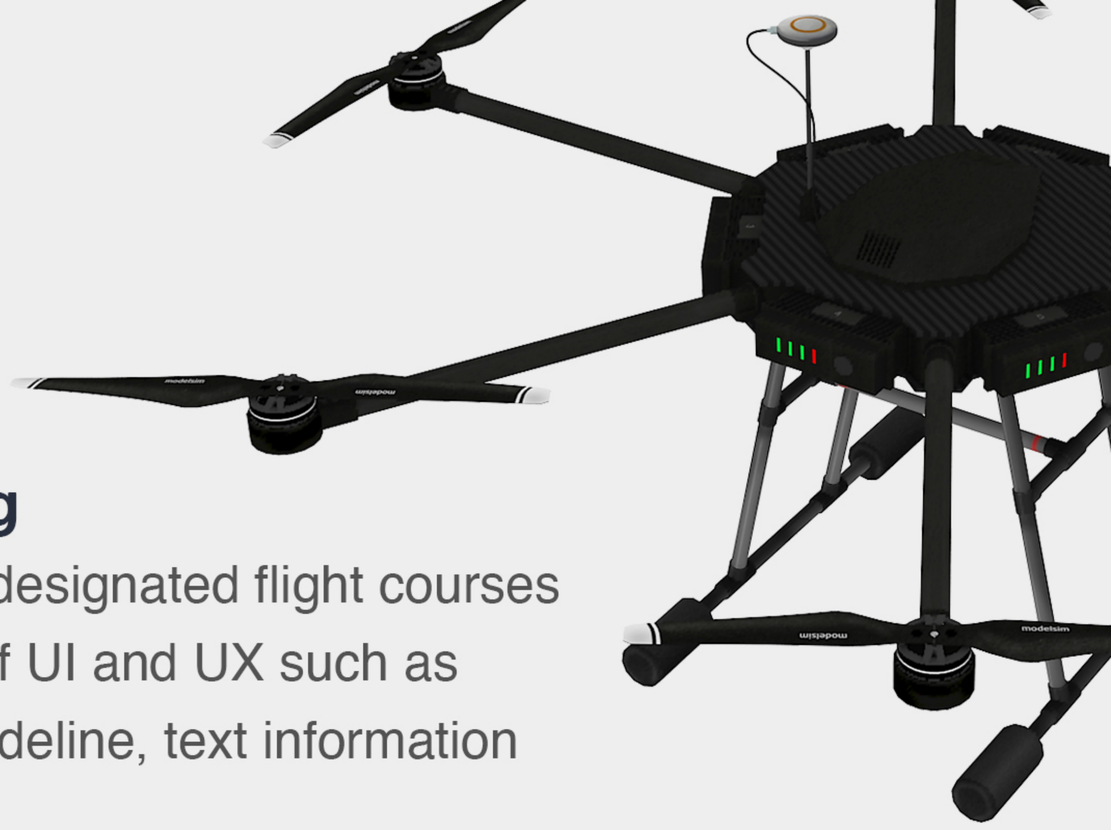
eDrone





01.Training

Training of 8 designated flight courses by supports of UI and UX such as mini-map, guideline, text information and so on.

02.Virtual Examination

Realistic simulation of test environments such as drone physics, controller sensitivity and test tracks is realized.

03.Fligiht Modes

Basic operation, training mode, examination mode, free flights, and optional mission flights and drone racing

Features of eDrone®

- Strict Test items of Korea Transportation Safety Authority are simulated.
- Realistic physics of various drones
- Effective UI/UX (guidelines, mini-map, supportive texts)
- Database and debriefing functions such as pilot’s flight time, progress , etc.
- Various drones of quadcopters and hexacopters
- Various flight modes for training and examination
- Controller sensitivity customization function to fit each pilot’s drone physics
- Planned additional drones, test fields, free flight sites, and other smart functions
- HMD (HTC, Oculus) compatibility

PC Requirement					
CPU	i5-4430	RAM	8GB	VGA	GeForce GTX960

MODELSIM
Modeling & Simulation Technology

www.modelsims.co.kr

eDrone

A professional pilot training software with Korean Transportation Safety Authority with Korean Standard Test Qualifications and Regulations applied

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Korea-Israel Collaboration on Development of Drone Simulators, 2002

Analysis Model of Drone Battlefield Tests, ROK Army, 2003

UAV EP Pilot Training Simulator, ROK Army, 2004

UAV IP Pilot Training Simulator, ROK Army, 2008

Integrated Simulation Engine of Manned and Unmanned Aerial Vehicle Physics, Ministry of Land and Transportation, 2016

SAR Drone Simulator, National Fire Research Institution, 2019

Racing Drone Simulator, National Aviation Museum, 2020

Training Simulator for Drone Pilot Qualification, 2020