
HANCOM

AWESOME TECH

Fixed Wing / Rotary Wing / VTOL drones - R&D / Manufacturer
Drone Mapping Service Provider for GIS(Geographic Information System)

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HANCOM

AWESOME TECH

Hancom AwesomeTech is a company that specializes in drone systems and Use the service to supply it to customers and through it After the company grows, we hold an IPO (Initial Public Offering). Our goal is to grow into a company that can do this.

- Company name: Hancom Awesome Tech Inc.
- Date of Establishment: February 9, 2018
- CEO: SANG-YUN, HWANG
- Type of Business: Fixed Wing / Rotary Wing / VTOL drones - R&D / Manufacturer
- Certification: Venture Certification Corporate Research Institute

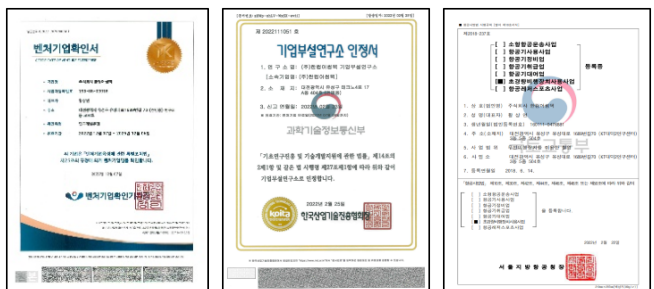
Main Business Areas

- Drone (fixed wing/rotary wing/vertical takeoff and landing) manufacturing
- Drone-related S/W, H/W
- Drone spatial information (GIS 2D/3D mapping) professional service
- drone training service

Main business history

- [2023] Registered as "spatial information business" at Korea Spatial Information Industry Promotion Association
Selected as a contract company for Daejeon Defense Venture Center
- [2022] Selected as "2022 Drone Demonstration City Construction Project" by Aviation Safety Technology Institute
Participated in the Korea Intelligence Information Society Promotion Agency's "Spatial Information Big Data Platform and Center Construction Project"
- [2021] Incorporated into Hancom Group affiliate, changed company name (Awesome Tech Co., Ltd. → Hancom Awesome Tech Co., Ltd.)
Graduated from Ministry of Science and Technology Research Institute
Selected as "2021 Drone Demonstration City Construction Project" by Korea Aviation Safety Technology Institute
- [2020] Registered as a research institute company by the Ministry of Science and Technology and designated as a family company by the Korea Institute of Civil Engineering and Building Technology
- [2019] Technology assurance and bench company certification, selected as the 8th Youth Entrepreneurship Academy by the Ministry of SMEs and Startups
Establishment of a corporate research center, winning the LX President Award at the Spatial Information Utilization Idea Contest
- [2018] Awesome Tech Inc. Establishment of a US corporation, Ministry of Land, Infrastructure and Transport "Ultra-light aircraft use project"
- [2017] Approved for technology start-up by Electronics and Telecommunications Research Institute of Korea

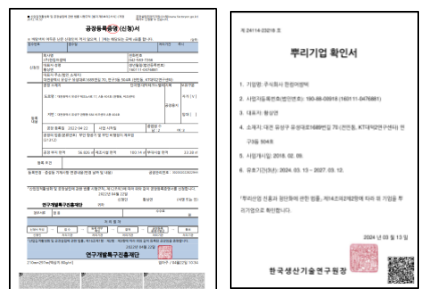
Research and development capabilities



Performance Sharing



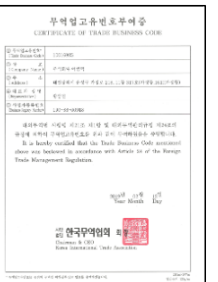
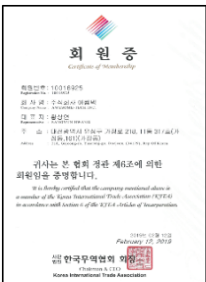
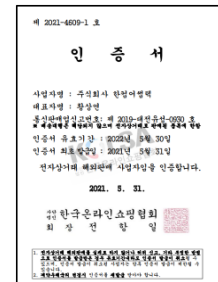
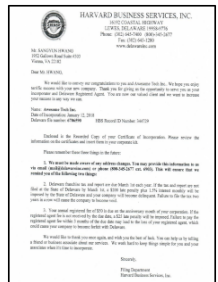
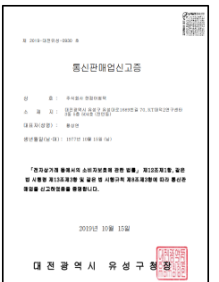
Manufacturing Capabilities



Domestic sales

Overseas expansion

Overseas sales



CEO / Engineering Director



황상연(Hwang Sang Yun)

CEO / Engineering Director

Before) An outpatient professor of the Department of UAVs at Hanseo Univ.
Before) ETRI a Senior (Visiting) Researcher
Before) I.M.C GmbH (Germany) Project Manager
Possessing drone automatic navigation technology
Have control software development technology
Super-lightweight flight controller (1st class), information processing
Eligible Angel Investors

- 2021**
 - 03 Hancom Awesome Tech Inc. CEO
- 2018**
 - 02 Korea Cooperation Awesome Tech Inc. CEO
 - 01 USA Cooperation Awesome Tech Inc. CEO
- 2017**
 - 12 Selection KIC Washington "Jump Accelerator Track 4"
 - 11 Selection KIC Washington "Jump Accelerator Track 3"
 - 10 ETRI approves technology start-up
 - 05 Work in ETRI Technology Start-up Office / Development and verification of start-up items
- 2014**
 - 09 Judge in Drone Division of Science and Technology Creation Competition in Korea
 - 03 Starkrobotics Inc. Technical Director (Development of Training/Industrial Drones and Platforms)
- 2013**
 - 06 Hanbaek Electronics Inc. Marketing Team Leader (Drone Business Department)
- 2011**
 - 05 I.M.C GmbH (Germany) PM / Development of satellite tracking antennas for vehicles and ships
-Possession of satellite tracking antenna posture control technology (working for domestic, US, and German companies)

Corporate research institute

Management support · marketing · sales



UAV R&D Manager
(무인기 연구총괄/설계/무인기운용)
CHOI WONMI
Senior Researcher

Pilot of the super lightweight flying device (Type 1)
Super Lightweight Flight Device Map Operator
Eligible Angel Investors



Aerodynamic Engineer
(무인기 설계/유체 해석)
PAUL GOURAB
Researcher

Hanseu Univ. master



Drone Operator
(드론운용/맵핑)
SONG JOOWON
Researcher

NamSeoul Univ. bachelor's degree



HR
(인사/재무/경영지원)
KIM HYUNJI
Staff

Hanbat Univ. bachelor's degree



Marketing
(영업/마케팅)
CHOI HYUNJI
Staff

Media Art Univ. associate degree



Designer
(디자인)
JEON HYEONWOO
Staff

Daejeon Institute of Science and Technology degree

Drone import and sales

- Parrot SAS (French drone manufacturer)
Official sources of income for industrial and military drones

Drone Spatial Information Project

- Drone 2D/3D mapping(Orthomosaic)
- Agricultural forecasting(NDVI)

Development and manufacturing of drones [for special purposes]

- Manufacture of fixed / rotors / vertical takeoff and landing (VTOL) drones
- UAV, URV Navigation Control HW/SW Development
- Automatic flight paragliders / paragliders for drones
- Battery Smart Management Module for Drone (Battery Doctor)

TrainingBusiness [Drone Mapping]

- Drones automatic navigation control and operation technology
- Special Lecture on Drone Software and Hardware
- *University : Korea Univ.,Dongguk Univ., Chungnam Univ., Hannam Univ., Soonchunhyang Univ., Incheon Univ., Hongik Univ., etc
- *High school : Daejeon Youngjae, Busan Youngjae, Dong-A Meister, etc
- *ETRI, Start-up Workshop, National Science Museum

[Patent Registration (8)]

Unmanned flight system capable of autonomous flight (Korea/Europe)

Multicopter Drone (Chungnam Univ. technology transfer)

manned paraglider device with safe flight mode

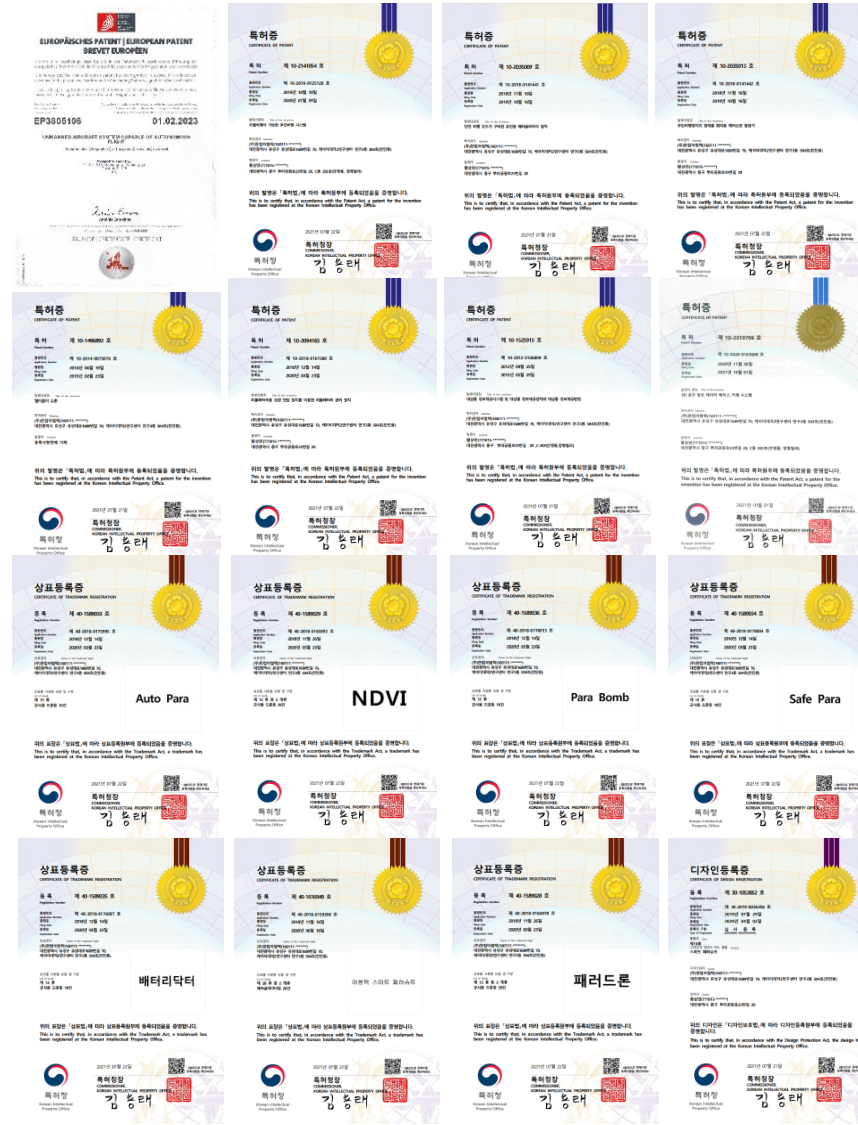
Control signal generator for obstacle avoidance of unmanned aerial vehicles

Object information provision system and object information provision device and

object information provision method

Lithium battery management device using storage voltage device for lithium battery

3D spatial information database transaction system



[Trademark Application (2)]

Tech Blender Awesome Porter

[Trademark Registration (7)]

Para Bomb Auto Para Safe Para Para Drone
NDVI Battery Doctor AwesomeTech Smart Parachute

[Design Registration (1)] "Smart Parachute" Design

[Patent Application (1)] an ultra-light fixed-wing drone

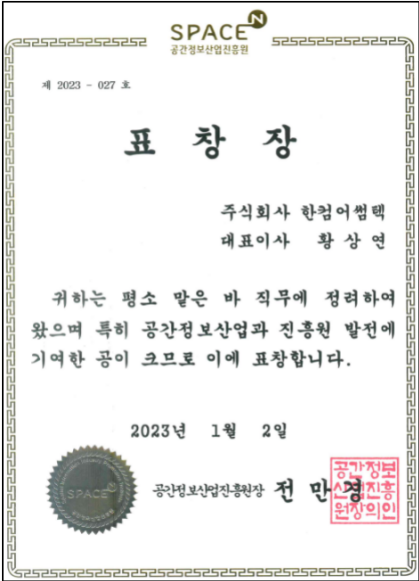
KICT
Family Enterprise Specification



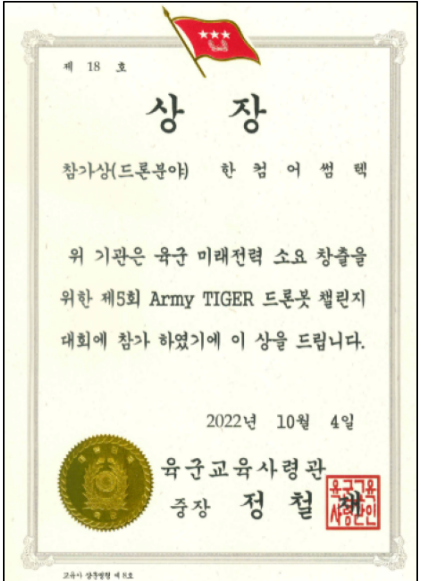
Start-up Idea Challenge by GIS



Commendation certificate for
the Director of the Korea Space
Information Industry Promotion Agency



Dronebot Challenge
(Far-distance Reconnaissance)



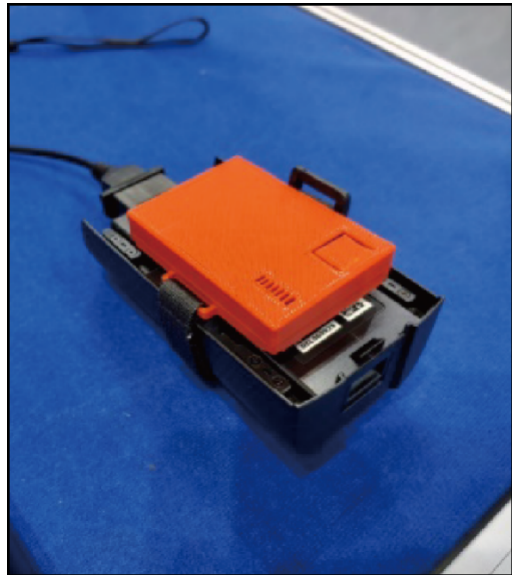
Daejeon
Techno Park



Capable of automatically inducing winnings
Drone parachute to prevent fall damage
(Entrepreneurship growth-
technology development project)



Lithium batteries for defense/civilian
drones For fire prevention and long-term use
Development of storage voltage
management device module



Offensive weapon capable of automatic
deployment and drop
flight to the target point
(Bomb)Para Bomb



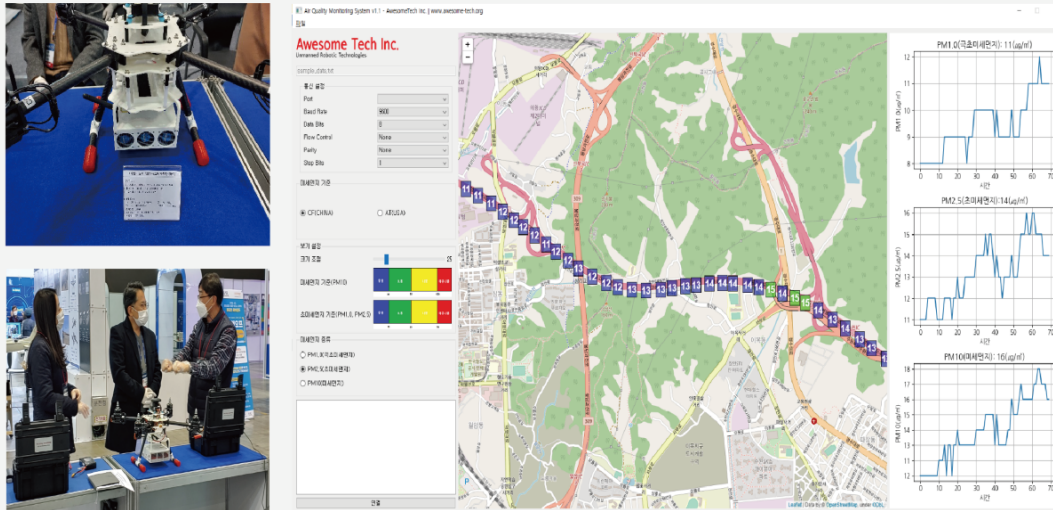
Product Specification

Size	2100 X 1,200 X 160 mm
Flight Time	120 min
Maximum Altitude	3,000m
Vertical Speed	10m/s
Temperature range	-10 ~ 40 °C
Distance of Communication	Unlimited (LTE Network)
Horizotal Speed	15 ~ 22 m/s
Verical Speed	10 m/s
Weight	6.5 kg
Load Weight	1.0 kg
Take Off Weight	Maximum 7.5kg
Optical equipment	Optical, thermal imaging 10X zoom
URL	https://www.youtube.com/watch?v=BB1FQsqdkhk

Analyze S/W

Development of fine dust monitoring and measurement equipment for UAV mounting

(미세먼지 PM1.0, PM2.5, PM10 측정 + GPS + Telemetry)



MainFunction

Korea's first real-time fine dust measurement/analysis solution using drones, environmental assessment, industrial site inspection of air pollution sources, tank pipeline leak detection

Product specifications

Weight	500g	size(LxWxH)	155X135X50(mm)
operating temperature	-20~+50(°C)	operating humidity	0~90(%)
Fine dust sensor	Plantower PMS3003	Fine dust measurement	PM1.0, PM2.5, PM10
Power Consumption	Maximum 5V1A	usage time	Maximum 4 hour
Charging time	Approximately 2.7 hours (when charging 5V2A)	recharge battery	lithium ion 5,000mAh Rated ion은 5V2A Reted output 5.1V2.1A

Major customers

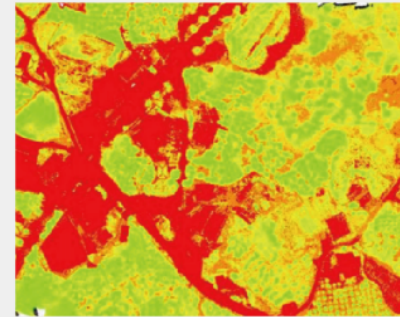
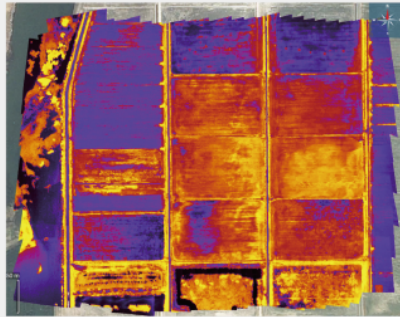
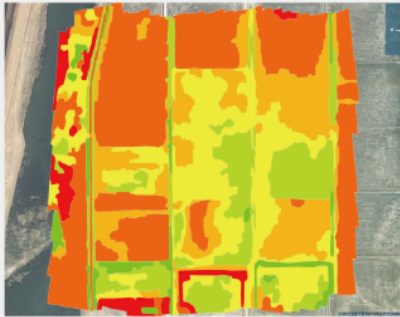


태안군 농업기술 센터

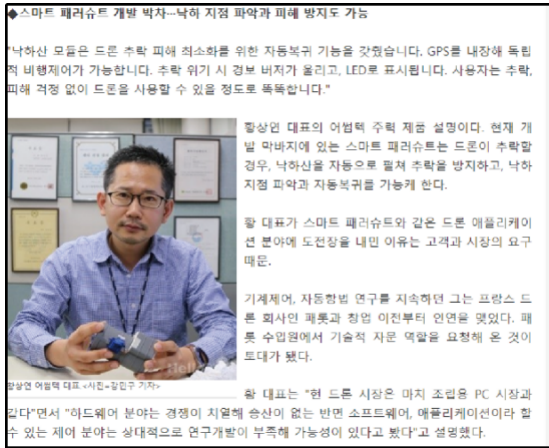
순창군 농업기술 센터

1. LTE 기반 장기체공 고정익 드론(한국수자원연구원)
(LTE + 장시간 비행(2시간))

2. 농업예찰(다분광카메라 + Pix4D Mapper)



Pioneering the domestic market



News reporting
("Smart Parachute")



2018 Unmanned
Vehicle System Industry Expo



2018 Jinju International Agricultural and Food Expo
"High-tech agricultural drone exhibition"



2018 Daejeon Science Festival



Basic Science Research Institute "SLAMD"

전략적 업무제휴(OEM/3rdParty)를 위한 글로벌 시장개척 활동



Parrot China, Hongkong Inc. 법인 대표 및 Korea 영업총괄이사 (프랑스 드론 제조사)

Parrot®

31st Dec, 2021.

Reseller Authorization

HANCOM AWESOME TECH INC.

The above enterprise is a reseller of PARROT products in the Republic of Korea, which has the right to resell PARROT drone solutions in the Republic of Korea.

PARROT drone solutions, including Anafi Ai, Anafi USA, Anafi USA Security Edition, Anafi USA GOV and Anafi Thermal sold by the above reseller in the Republic of Korea will have Republic of Korea warranty and after-sales service according to PARROT warranty policy.

This reseller authorization is valid from 1st Jan 2022 to 31st Dec 2022.

For and on behalf of Parrot Asia Pacific Ltd.

Anthony Yip
Regional Sales Manager

Rotary wing drone (autonomous mission + 30x optical/thermal zoom + mid-range flight)



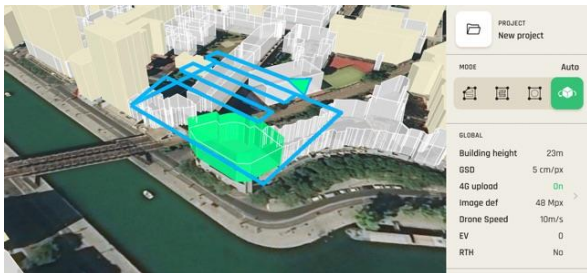
Product Specification

Size	282 X 373 X 84 mm
Horizotal Speed	15 m/s
Verical Speed	4 m/s
Flight Time	32 min
Weight	496 g
Load Weight	100 g
Take Off Weight	Maximum 644 g
Distance of Communication	5km
Maximum Altitude	5,000 m
Temperature range	-35 ~ 49 °C
Maximum wind speed	15 m/s
Optical equipment	optical,thermal imaging 32x zoom 1/2.4inch 21MP
Price	9,999 USD
UGL	https://youtu.be/BB1FQsqdkhk

Major Product Rotary Wing Drone (auto mission + LTE + ultra-lightlong flight)



ANAFI Ai
The 4G robotic UAV



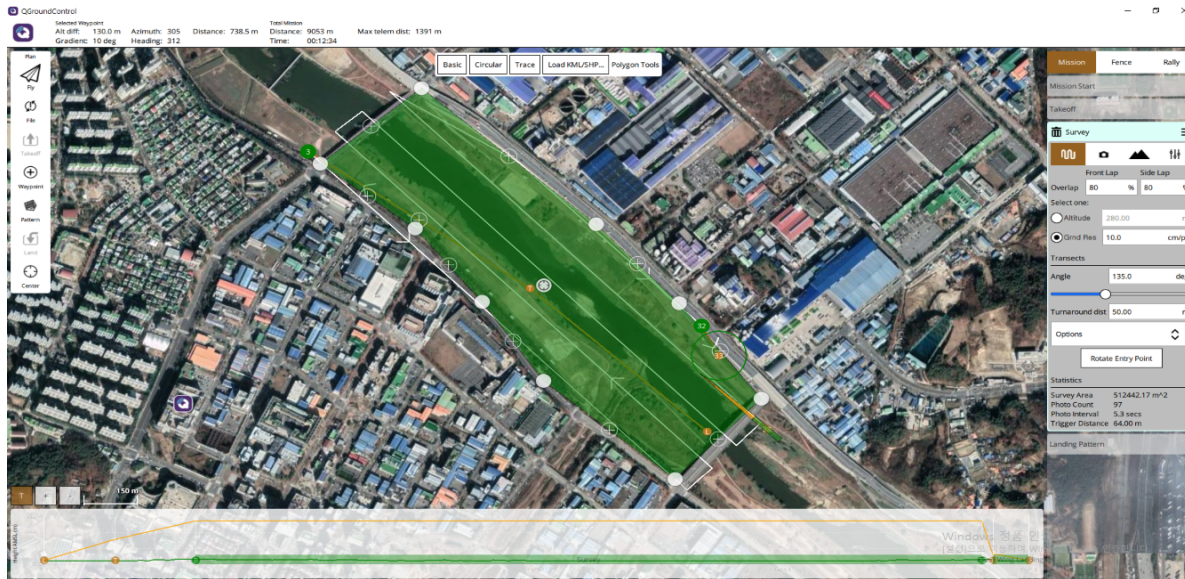
Product Specification	
Size	320 X 440 X 118 mm
Horizotal Speed	16 m/s
Verical Speed	4 m/s
Flight Time	32 min
Weight	898 g
Load Weight	100 g
Take Off Weight	Maximum 7.5kg
Distance of Communication	Unlimited(LTE Network)
Maximum Altitude	3,000 m
Temperature range	-10 ~ 40 °C
Maximum wind speed	14 m/s
Optical equipment	Optical 6x zoom, 1/2inch, 48MP
Price	6,000 USD
UGL	https://youtu.be/lwKMYfpqKwQ

Major Product Fixed Wing Drone

(Auto mission + Terrain tracking flight + LTE + Ultra-lightlong flight + Optical camera + Swarm Flight)

*What is a Terrain tracking flight?

Flying along the curve of the terrain by maintaining a constant altitude from the terrain



Product Specification

Size	1,150 X 580 X 120 mm
Horizotal Speed	12 ~ 22 m/s
Verical Speed	12 m/s
Flight Time	120 min
Weight	780 g
Load Weight	160 g
Take Off Weight	Maximum 940 g
Distance of Communication	Unlimited (4G Network)
Maximum Altitude	1,000 m
Temperature range	-10 ~ 40 °C
Maximum wind speed	10 m/s
Optical equipment	optical, 14MP / optical Sony 15.3MP
Price	10,000 USD
UGL	https://youtu.be/lwKMYfpqKwQ

Major Product Fixed Wing Drone (Tech Blender F/W)

(Auto mission + Terrain tracking flight + LTE + Ultra-lightlong flight + Optical camera + Swarm Flight)

*What is a Terrain tracking flight?

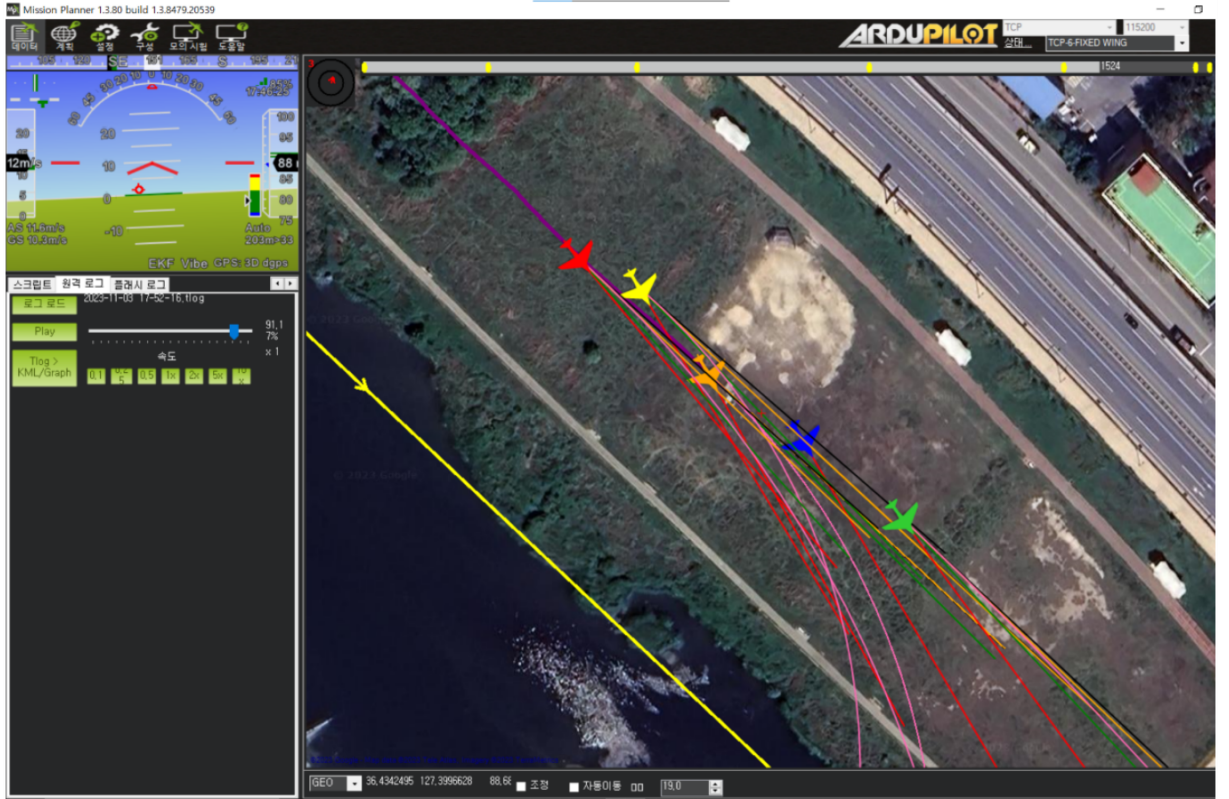
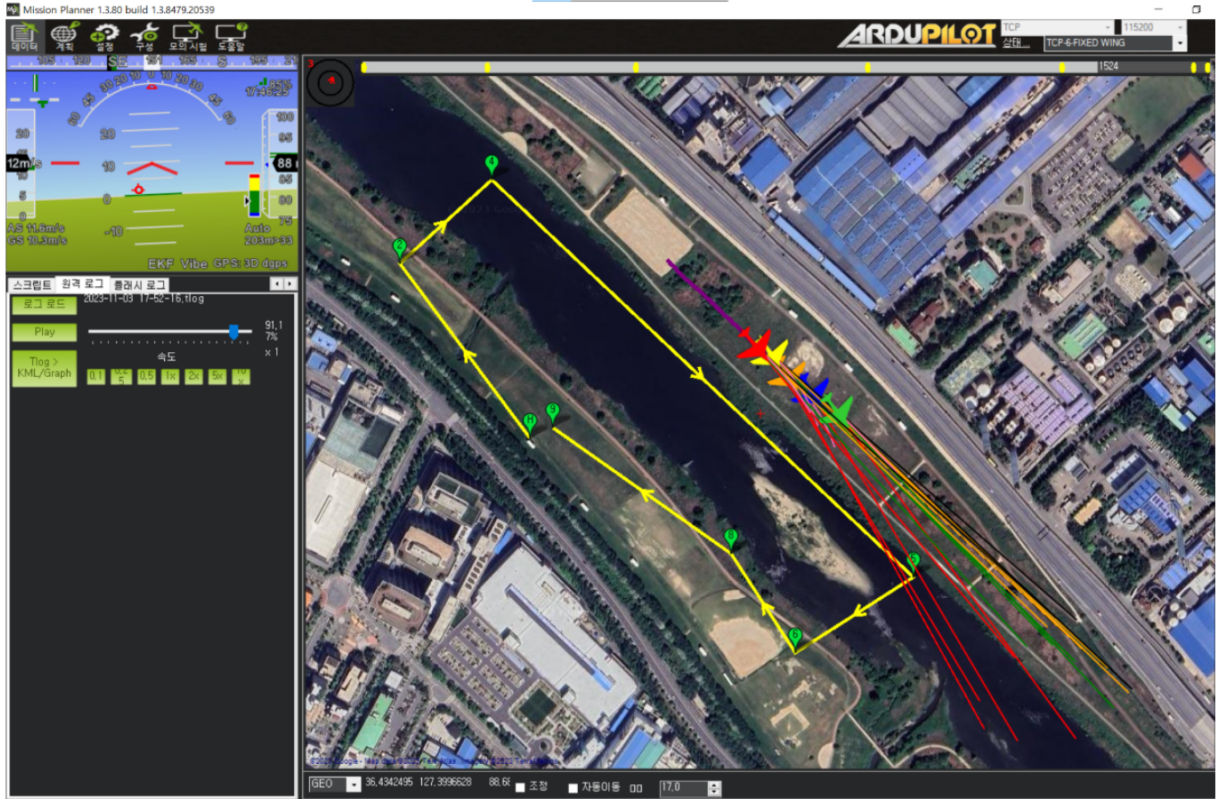
Flying along the curve of the terrain by maintaining a constant altitude from the terrain



Product Specification

Size	1,150 X 580 X 120 mm
Horizotal Speed	12 ~ 22 m/s
Verical Speed	14 m/s
Flight Time	120 min
Weight	1350 g
Load Weight	250 g
Take Off Weight	Maximum 1600 g
Distance of Communication	Unlimited (4G Network)
Maximum Altitude	1,000 m
Temperature range	-10 ~ 40 °C
Maximum wind speed	15 m/s
Optical equipment	optical, 14MP / optical Sony 15.3MP
Price	15,000 USD
UGL	https://youtu.be/lwKMYfpqKwQ

Swarm Flight Missions



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