



**INTOSKY Inc.**



## COMPANY SUMMARY

“INTOSKY creating a convenient world with DRONE”

INTOSKY will do its best to provide innovative work environment by providing more convenient and safe drones.

Company Name INTOSKY Inc.

Establishment 2018. 01. 01

CEO Gi-bok Lee, Seon-woong Chung

Address Robot Tower, 155-11, Robotland ro, Seo gu, Incheon City, Rep. of Kore

## COMPANY HISTORY

- '22
  - 12. Merged with MetaRobotics
  - 12. Received a plaque from the governor of Chungcheongnam-do (for contribution to special structures)
  - 12. Acquired AS9100 certification
  - 11. World HANSANG Competition IR Pitching Excellence Award
  - 11. Signed MOU with Shinsung University
  - 11. Signed MOU with Korea Fire Meister High School
  - 10. Received a commendation from the mayor of Incheon (contributing to revitalization of the local economy)
  - 10. Signed MOU with Taeon Fire Station in Chungcheongnam-do
  - 08. Attracted investment of 500 million in Pre-A
  - 05. Selected as Incheon Aviation Leading Company
  - 05. Selected as Incheon Robot Star Company
- '21
  - 11. Incheon Promising Small and Medium Business Certification
  - 11. Management innovative SMEs (Main-Biz)
  - 09. Proof of direct production of special aircraft
  - 09. Confirmed as a company specializing in materials, parts, and equipment
  - 08. Technology Innovation SMEs (Inno-Biz)
  - 07. Acquired ISO9001 certification, ISO14001 certification
  - 05. Launched its own model of PREX agricultural drones
- '20
  - 11. Confirmation of venture business
  - 09. Launched agricultural brand PREX
  - 05. Established an affiliated research institute
- '19
  - 01. Agricultural Drone Pivoting
- '18
  - 12. Hanbit Drone Partnership Agreement
  - 01. Established Intosky Inc.

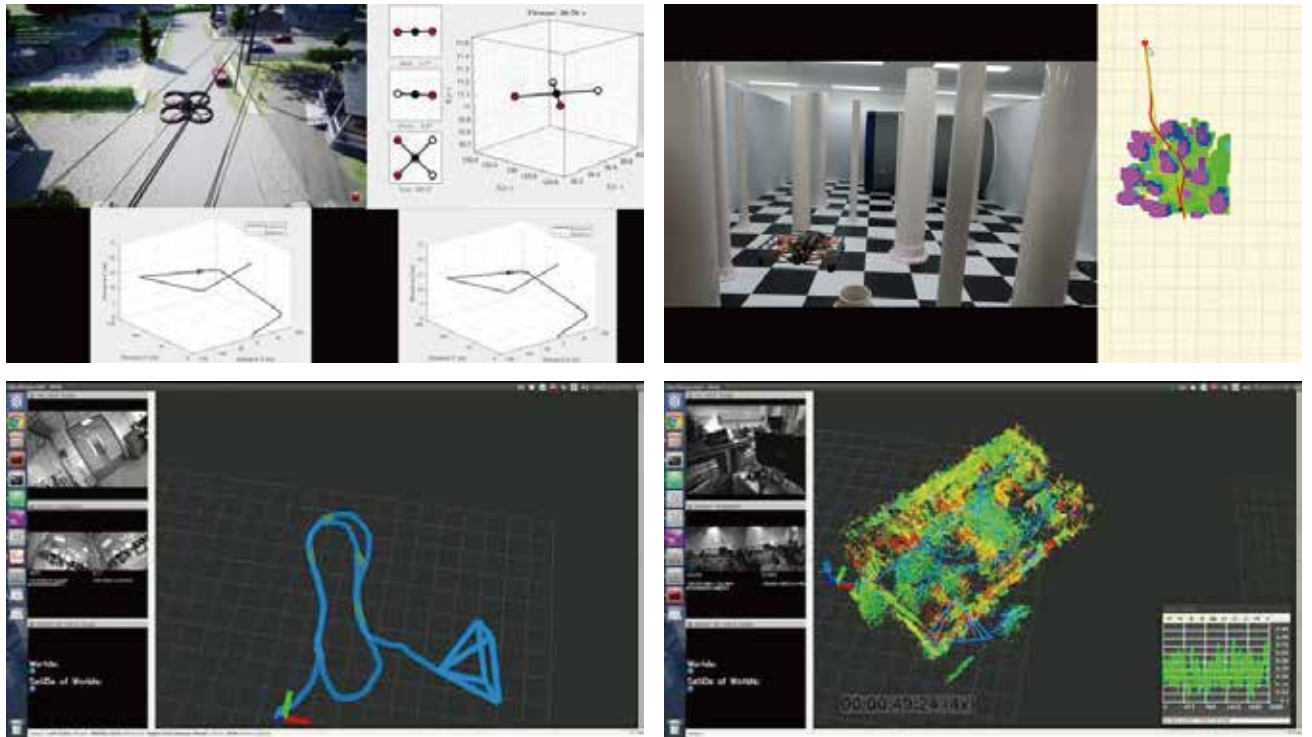
# Drone Manufacturing Technology

## Drone Manufacturing Technology

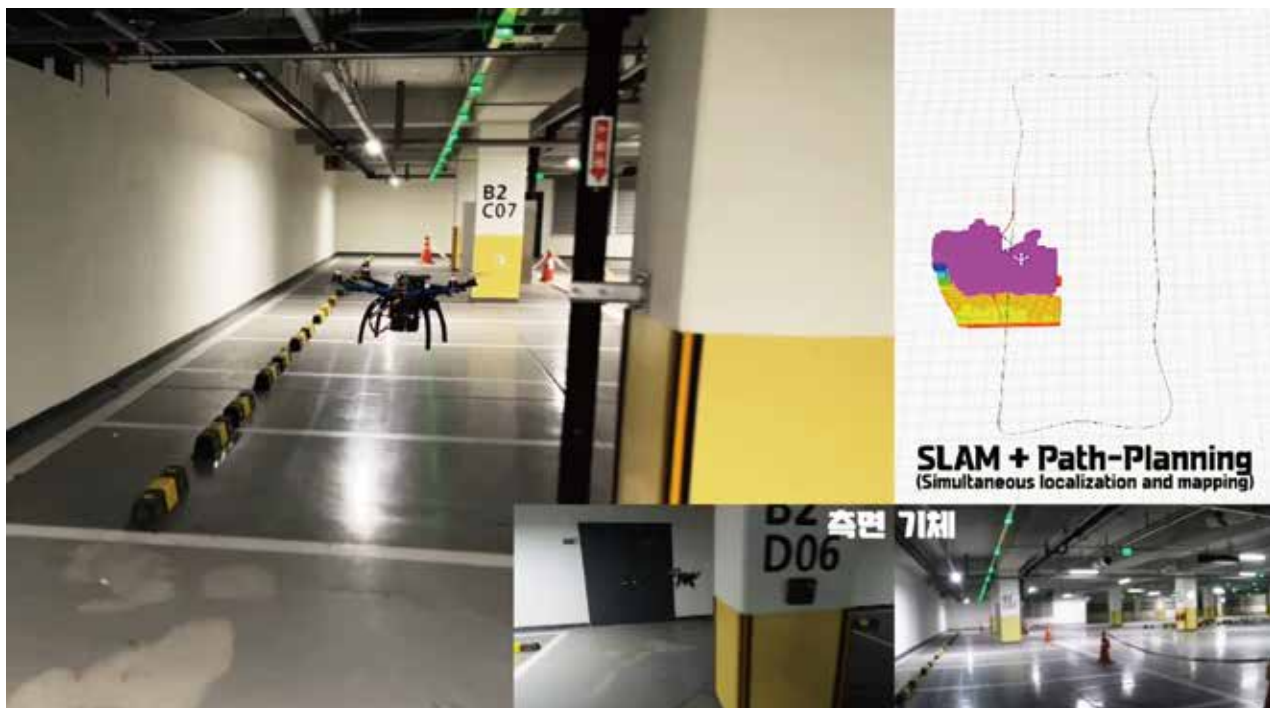


INTOSKY is the only company in Korea that manufactures and mass-produces drones, and has a 20% share in the domestic agricultural drone market. Through successful market verification, we have prepared a win-win model for shared growth in the domestic drone ecosystem, and are achieving rapid growth through prompt product provision and follow-up management with about 80 partners nationwide. Differentiated and very special IntoSky's drone manufacturing technology is based on the accumulated production know-how of 1,500 units.

## Autonomous evasion flight technique



# Autonomous Avoidance Flight Technology



INTOSKT has invested for four years in the development of autonomous avoidance flight technology that can avoid obstacles on its own. Autonomous evasion flight technology based on acquired images will be a key technology for convenient and safe drones.

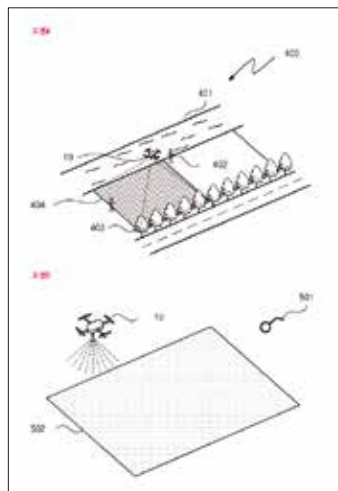
“Now, everything you want is done at the touch of a button.”



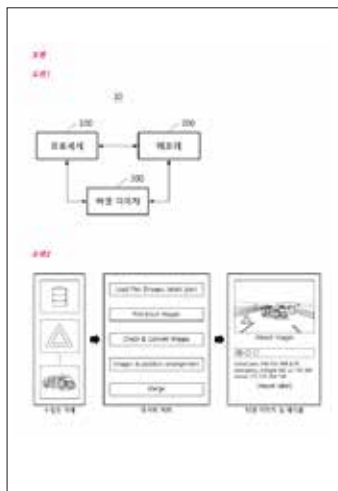
## INTELLECTUAL PROPERTY RIGHTS AND AWARDS

Current status of intellectual property rights, design applications, and certificates

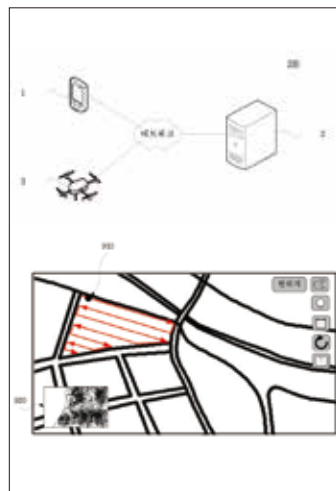
### CERTIFICATE OF PATENT



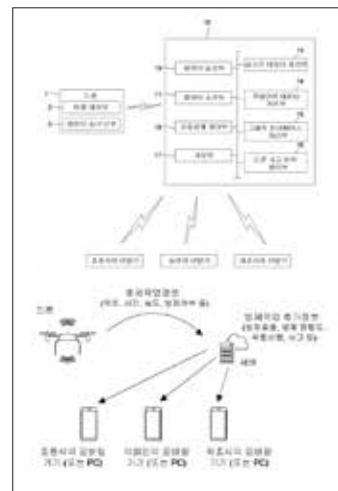
Agricultural information collection system and method



Data Processing Methods, Devices, Processed Object detection method using data



Cadastral map based control device and control methods



Management and management of drones for agricultural control Control system and its control method

### Award (certification) certificate



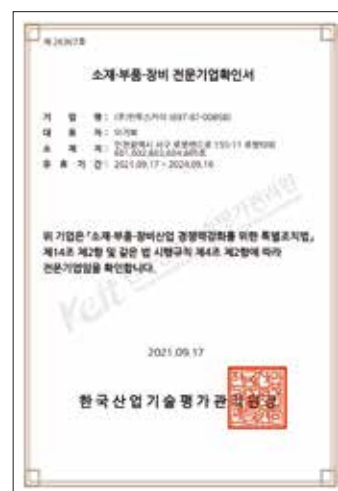
AS9100 Aerospace Quality Management System



Venture Business Confirmation

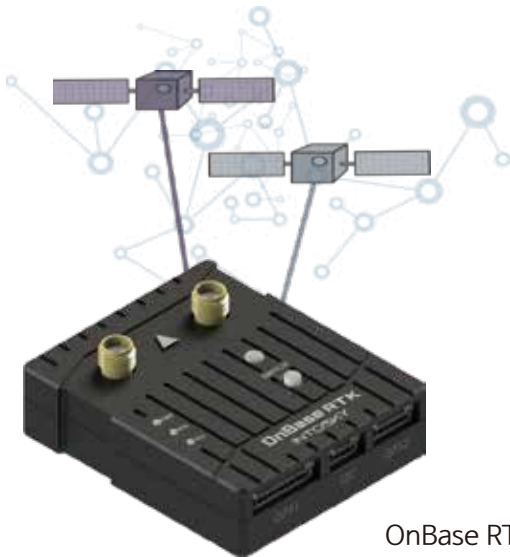


Excellent quality product designation



Materials/Parts/Equipment Professional company confirmation

Division	Enrollment	apply
Patent	9건	5건
KC Certification	57건	0건
Design	5건	1건
Brand	16건	0건
Total	87건	6건



## OnBase RTK

OnBase RTK, an ultra-precise GPS module based on the Ublox ZED-F9P, provides higher accuracy than normal GPS.

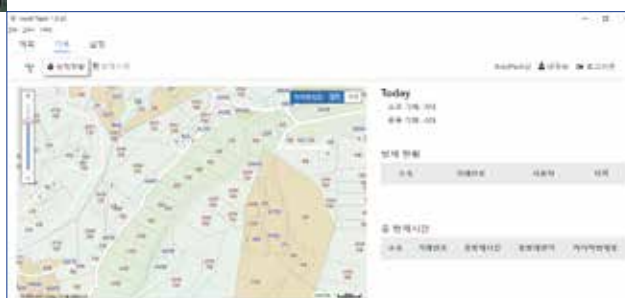


### Vandi Play

Automatic pest control is possible by creating a pest control route with a single touch, and various settings such as control width, altitude, and spraying amount can be easily set.

### Bandi control system

You can manage various records such as date, time, and route related to flight through Internet access without installing a separate program.





As a firefighting drone for fire suppression, it has improved mobility compared to existing ladder trucks. The performance has been verified by conducting field tests that reproduce various situations such as local fire departments, high-rise buildings, power plants, and ship fires. This is a fire drone.



# Firefighting Drone



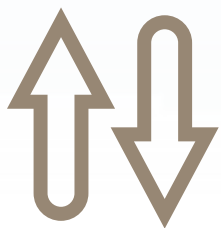
Simple and  
More elaborate

# VANDI S1+ 에스원플러스



## Altitude radar operation

Maintaining the altitude with the crops during pest control. It helps to make prevention more convenient.

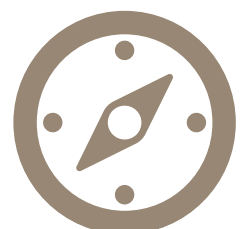


## Replacement made easy

By adopting the vertical replacement method, the pesticide container/fertilizer container can be easily changed by simply placing it on top.

## Calibration

You can fly immediately without additional geomagnetic calibration.





## VANDI-S1+

### Overview

The VANDI-S1+ agricultural drone uses ultra-precise GPS manufactured and developed with IntoSky's technology to significantly reduce the error range compared to conventional GPS, enabling more accurate flight. In addition, a more robust and rigid frame was applied for harsh working environments, and it was designed/ manufactured for convenient storage and movement with the application of an arm fixing holder. The aircraft status can be accurately checked with the intuitive LED indicator

### Feature

- Vertical slide system (liquid, granule)
- OnBase RTK apply
- Built-in real-time FPV camera and LED light
- Waterproof & dustproof
- Can be used as a first-class educational drone
- Automatic Control System for Cadastral Map

### VANDI-S1+ Specification table

size	2422mm X 2204mm X 730mm
Gross Weight	22.5kg
maximum takeoff weight	38.5kg
maximum payload	16kg (16L)
cruising speed	3 ~5 m/sec
max speed	7 m/sec
FC	Pixhawk 6C
controller	SIYI MK15
radar	altitude radar
Nozzle model name	TEEJET DG11002vs
number of nozzles	4개

Faithful to Essence

# PREX9 Q20

프렉스나인 큐20



**20L**  
About 1.6ha  
per time



**Compact Design**  
Easy to  
store/move



**Calibrate the**  
magnetometer  
only once



**22,000 mAh 14S**  
increase in  
control time

# Q-Series

## PREX-Q Series

### Overview

IntoSky's Q-Series is designed/manufactured to be lighter in weight and stronger in power. A sturdy and rigid frame has been applied for harsh working environments, and storage and movement have been simplified for greater convenience. The vertical slide system was applied to greatly improve work efficiency, and the application of real-time FPV and LED light became IntoSky's trademark.

### Feature

- Vertical slide system (liquid, granule)
- Built-in real-time FPV camera and LED light
- Waterproof & dustproof
- Land Map Automatic Control System (Option)

### PREX9-Q10 Common Specification Table

size	1080mm X 1080mm X 720mm
Gross Weight	14.9kg
maximum takeoff weight	24.9kg
cruising speed	3 ~5 m/sec
max speed	7 m/sec
Nozzle model name	TEEJET DG11002vs
number of nozzles	4개

### PREX9-Q10-K1

FC	JIYI K3-A PRO
Controller	SIYI VD32
Radar	-

### PREX9-Q10-K2

FC	JIYI K++V2
Controller	SIYI MK15
Radar	Altitude/Avoid

### PREX9-Q10-P6 Automatic Control System for Cadastral Map

FC	Pixhawk 6C
Controller	SIYI MK15
Radar	Altitude

### PREX9-Q20-K2 Specification Table

size	1919mm X 1917mm X 765mm
Gross Weight	23kg
maximum takeoff weight	43kg
cruising speed	3 ~5 m/sec
max speed	7 m/sec
Nozzle model name	TEEJET DG11002vs
Number of nozzles	4개
FC	JIYI K++ V2
Controller	SIYI MK15
Radar	Altitude/Avoid



# PREX-ED1

High Precision GPS Training Drone



High Precision  
GPS



Convenient  
Management



Safe  
Flight

초정밀 GPS모듈

일반 GPS



## PERX-ED1

### Overview

The PREX-ED1 educational drone uses ultra-precision GPS manufactured and developed with IntoSky's technology to significantly reduce the error range compared to conventional GPS, enabling more accurate course flight. In addition, it is possible to fly easily without separate geomagnetic calibration, and to maintain stable and continuous flight conditions even during long-term training.

The durability of the product is maximized.

### Feature

- High-Precision GPS
- Built-in real-time FPV camera and LED light
- Waterproof & dustproof
- Class 1 educational drone

### PREX-ED1 Specification Table

size	1889mm X 1714mm X 611mm
Gross Weight	16.5kg
maximum takeoff weight	25.5kg
cruising speed	3 ~5 m/sec
max speed	7 m/sec
FC	OnBase FC
Controller	SIYI VD32

# PREX - ED1



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