

DRONESAT

Ground Station for Fully Automated Drone Operation



HANCOM
HANCOM inSPACE

www.inspace.co.kr

Providing high value-added products and customized services by incorporating satellite ground station technology

Integrated Monitoring Function

Provide integrated service through monitoring of drones

Automatic battery charging

Add more usability through adding automatic charging

AWS Based Drone Operation

Decision making by processing temperature/rainfall/wind from the AWS

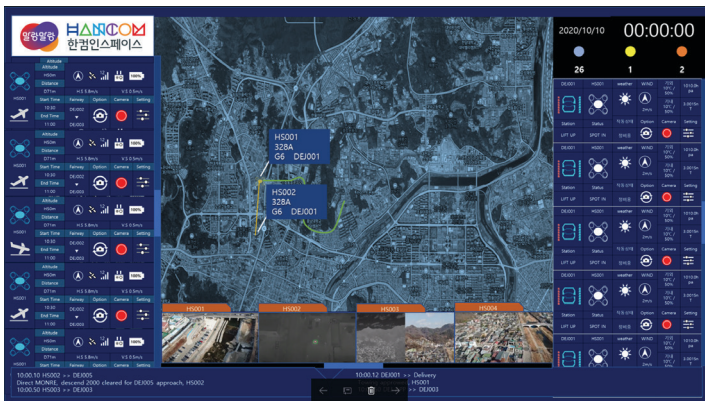
Real Time Data Analysis

Improve quick processing by analyzing data live

Create High-value Products Based on AI

Provides high quality products, custom for our clients

Multi Integrated Control System >>



- ✧ Integrated monitoring system
 - Drone status information
 - Station status information
 - Weather information
- ✧ Multi drone mission planning
- ✧ Multi drone live streaming

Drone Automatic Charging >>



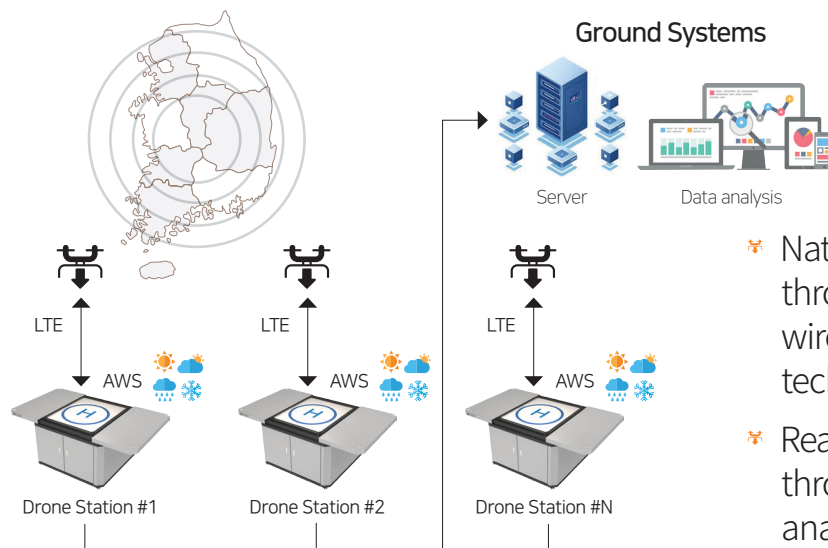
- ✧ Automatic operation
- ✧ Automatic battery charging module inclusive

AWS Based Drone Operation >>



- ✧ Gathers weather data from rainfall, wind, temperature, humidity etc.
- ✧ Self-aware to decide if the weather's suitable to operate
- ✧ AWS : Automatic Weather System

Real Time Data Analysis >>



- ✧ Nation wide data collection through state-of-the-art wireless communication technology
- ✧ Real time data processing through independent image analysis technology

Create AI-based high value-added outputs >>



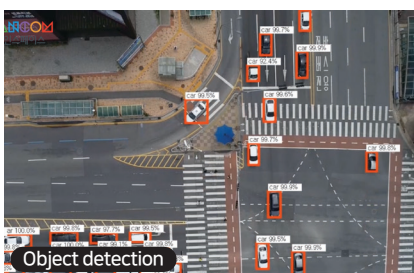
Point cloud



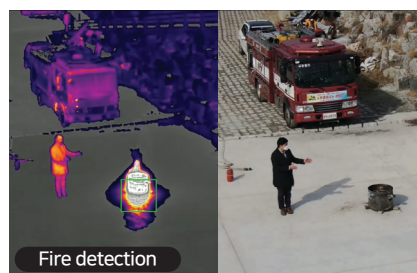
3D Mapping



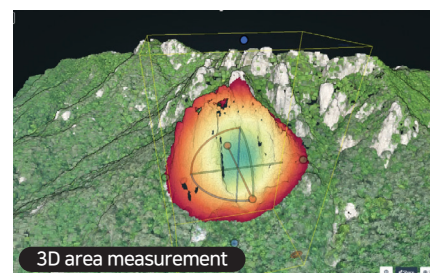
2D area measurement



Object detection

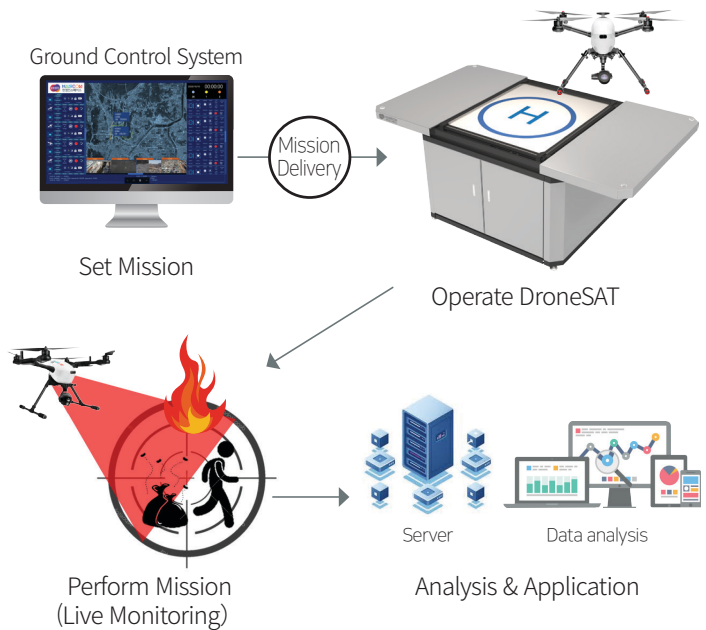
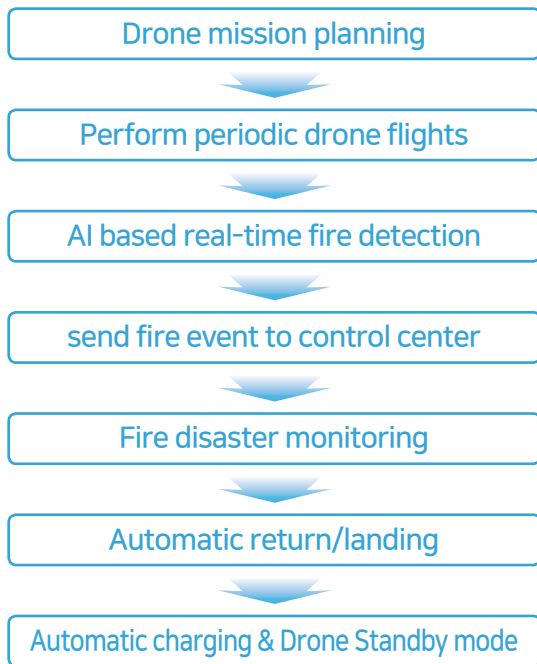


Fire detection



3D area measurement

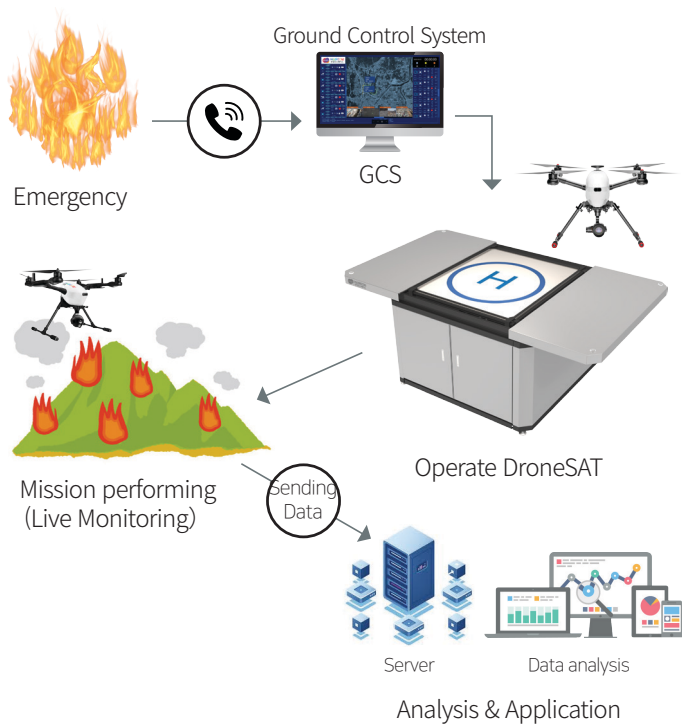
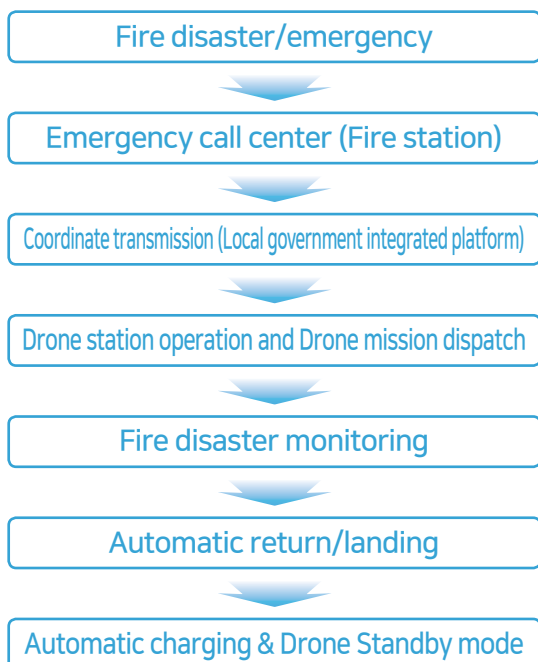
Fire monitoring system >>



Surveillance / Monitoring >>



Smart City >>

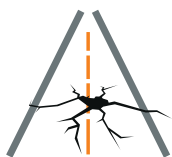




Social disaster



Sinkholes



Road Destruction



Building Fire



Traffic
Measurement



Crime
monitoring



PR Support



Natural Disaster

Environmental

Environmental monitoring

Natural disaster



River Pollution
Watch



Illegal
incineration



Illegal Landfill



Flood



Earthquake



Forest Fire

Drone Station >>

Lift type 1



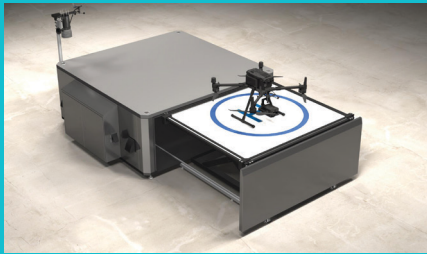
Model	DS-L1100	
Size	Close	1350 x 1350 x 920(mm)
	Open	2500 x 1350 x 920(mm)

Lift type 2



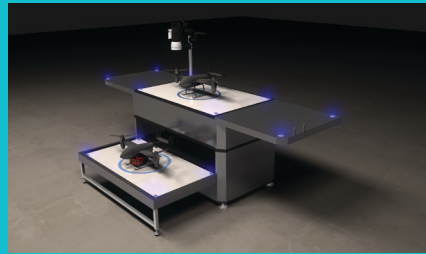
Model	DS-L2000	
Size	Close	2500 x 2500 x 850(mm)
	Open	4700 x 2500 x 920(mm)

Slide type



Model	DS-SS	
Size	Close	2380 x 2380 x 860(mm)
	Open	4580 x 2380 x 860(mm)

Custom type



Model	DS-C	
Size	Close	3220 x 4086 x 2494(mm)
	Open	6105 x 4086 x 2494(mm)

Drone >>



Model	HD-500
Size	410×410×352 mm (Excluding prop)
Weight	3.5kg (Including battery/mission equipment)
Flight time	25 minutes
Wind resistance	10m/s
Ingress Protection	-



Model	HD-850
Size	850x700x500 mm (Excluding prop)
Weight	10 kg (Including battery/mission equipment)
Flight time	30 minutes
Wind resistance	10m/s
Ingress Protection	IP43