Agricultural Spraying

Problem

Since the start of humanity, all of the countries focus on improving their land usage optimality by implementing technological innovations and investments. In this purpose, many investors and landowners try to improve their results by utilizing many tools and devices since the technological investments and innovations exponentially rise.

As a result, to utilize the factories, benefits of technological improvements play a very critical role. For example, with the usage of drones, spraying activities for the agricultural area is done more effectively with its robust design, transmission quality and combination with A.I and IoT.

Change is a matter of subject that results with challenges and difficulties whether it is good or bad. This is due to the nature of adapting to a new situation and needs time to adjust and adapt. In this context, while implementing new solutions and potential benefit to the utilization of agriculture spraying , there is habits that needs to be changed and new situations that require time to adapt. Due to the history of it and nature of the work done, agriculture is a concept that based on traditional concepts. As a result, for the agriculture area, new technological innovations and improvements must be implemented with maximum level of user-friendliness and advantages. In this purpose,we, as Modeo Family, present you our Modeo Drone, which includes the properties promising optimized agricultural spraying.

Solution

MODEO DRONE Live Video Communication (3+ Multi Channel (5G/4G) Bonding Live Streaming Auto Pilot Drone)

1. Drones holds great potential in industrial controls and can become integral part of industrial controls. With drones, some tasks that is hard for human capacity can be done more easily and make the production process more easy in the industrial level.

EXECUTIVE SUMMARY

Short Summary

Sector : Factories that can use spraying drones.

Glance

1. Implementation of spraying drones on factories.
2. Usage of A.I and IoT on patrolling drones
3. Effects of spraying drones on factory manufacturing optimization.

Solution

Modeo Drone
With the usage of Modeo Drone, you can manage and optimize your agricultural optimization plan.

2. With the addition of IoT tools and high definition cameras which also can promise live streaming quality increase, drones can be utilized at its most level.In this context, some other Modeo Products can be used in industrial settings as well such as our IoT product MOBIoT and our live streaming device Modeo Live ML33 Plus.

Modeo Drone Quantities:

Modeo Drone is designed to help its user to at many levels and attributes. Some of them are such as:

- Monitoring the both air and land platform's live streams at same video surveillance screen.This is critical to analyze the operation attributes and to take the decision.

- Ensuring right ratio in the human-machine relationship

- Detecting potential wastage

- Analyzing data immediately to identify problems (with addition of IoT device)

- Immediate situation recognition

- Real-time response rate

More detailed look at spraying area: Variable Volume Concept GPS Map Tracking Patrol Duty

Our ready to customize, scalable, game changer UAV platform concept. Streaming Live with 3+ 5G/LTE/3G and auto Multi* GPS Map Tracking Patrol Duty feature. Combining advantages of fixed and rotor wing concepts, variable volume platforms not only reach long distances and fly further by at least 2.5 times than regular multi-rotor drones but also by changing its volume in the air, make maneuvers in urban areas which is not accessible by fixed-wing A/C.

Potential Case for MODEO DRONE

You are a landowner and as your business focus on agriculture. In this context, for your large lands you need some way to spray them as fast and effective as possible. With implementing Modeo Drone which includes Artificial Intelligence to design the optimal route to spray the area thanks to the addition of Modeo Drone with IoT usage.

For more detailed information about MOBIoT

For more detailed information about Modeo Live ML33 Plus