



MAdoorS Firefighting Drones

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Fire Fighting Drone - Fire Extinguisher Drone Systems

Our systems are designed to intervene in fire areas quickly . Our fire extinguisher drone systems carry 6 fire extinguisher balls. With the electromagnetic magnet system, it carries the fire balls on it and leaves it on the fire area. It is a very effective system in extinguishing fires, especially in rural and inaccessible hillside and mountainous areas.

The firefighting drone can quickly go to the fire area at the start of the fire. And drops the extinguishing bombs on the fire. The balls disperse the chemical fire extinguisher in the fire area with the explosion. And it ensures that the fire, which is still in the dispersal stage, is quickly extinguished and destroyed from the initial stage of the fire.

Our fire extinguishing drone systems have provided a very successful response in forested areas where fire fighting vehicles and fire departments have difficulty entering, in areas with no roads, in house and apartment fires.

From points such as balconies and roofs that firefighters cannot enter, situations such as drooping and jumping occur during the fire. Our systems are very useful as fire escape ladders cannot be advanced to these areas. The user we train, a good drone pilot, puts out the fire by inserting the drone through the window and the door or by throwing the fire extinguisher balls in with the optional spring-loaded launch system connected to the drone. It prevents loss of life and property. For detailed information, please contact our engineers.

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Fire extinguishing drones are specialized unmanned aerial vehicles (UAVs) designed to combat and extinguish fires. These drones are equipped with features and technologies to enhance firefighting capabilities, provide rapid response, and improve overall efficiency in managing fire incidents. Here are some common features and applications of fire extinguishing drones

Water or Fire Retardant Delivery System: Fire extinguishing drones typically carry water tanks or fire retardant chemicals. They are equipped with a mechanism, such as a sprayer or a release system, to effectively deliver water or fire retardant directly onto the fire-affected area.

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Thermal imaging cameras : These cameras can detect hotspots and areas of intense heat, allowing firefighting teams to identify the extent of the fire and plan their response accordingly.

Autonomous Flight Capability: Some firefighting drones are designed to operate autonomously. This means they can follow a predetermined flight path or respond to real-time data, allowing them to navigate through a fire zone without direct manual control.

Weather Resistance: Fire extinguishing drones are built to withstand challenging weather conditions, enabling them to operate effectively in various environments. This resilience is crucial for their deployment during adverse weather conditions that may accompany wildfires.

Remote Control: Drones are typically operated remotely, either by a human pilot or through automated systems. Remote control capabilities allow operators to maneuver the drone into specific positions, assess the fire situation, and deploy extinguishing agents as needed.

Real-time Data Transmission: Drones often have the capability to transmit real-time data to firefighting teams on the ground. This information can include live video feeds, thermal imaging, and other data to assist firefighters in making informed decisions.

Quick Deployment: Fire extinguishing drones offer a rapid response to fire incidents. They can be deployed quickly to reach remote or inaccessible areas, providing an advantage in the early stages of a fire outbreak.

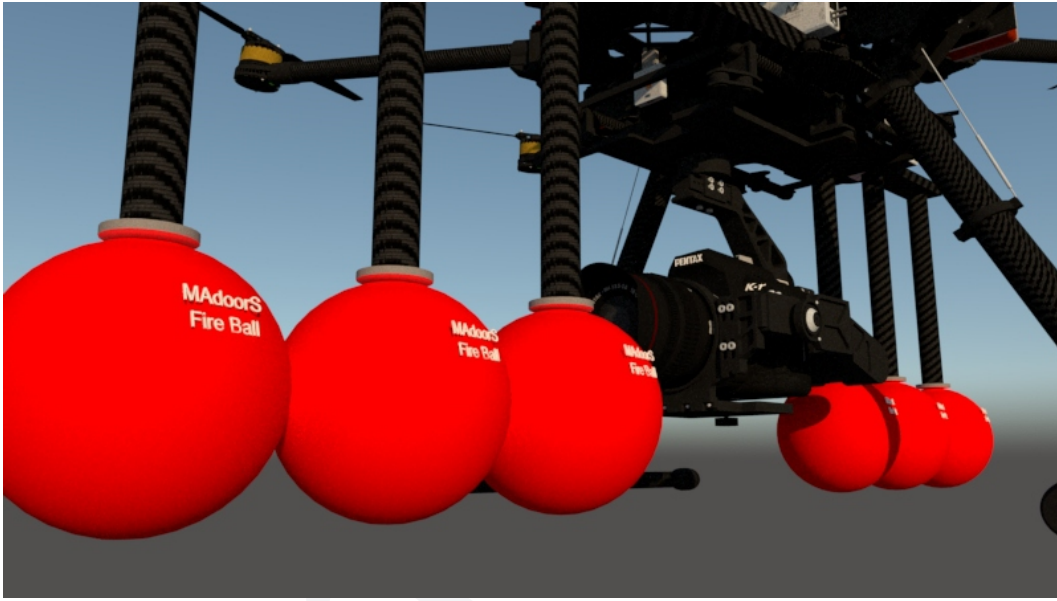
Battery and Flight Time: The drone's battery life and flight time are essential considerations. Longer flight times and efficient battery management systems contribute to extended operational periods during firefighting missions.

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Fire extinguishing drones are valuable tools in firefighting efforts, especially in scenarios where traditional methods may be challenging or unsafe. However, regulatory considerations and adherence to local laws must be taken into account when deploying these drones in firefighting operations. Additionally, collaboration with firefighting agencies and emergency services is crucial for effective integration into existing firefighting strategies.



Fire extinguisher drone system Features ;

- 5 km range diameter
- 40/45/60 min. Flight time
- It can carry 6-8-12-24 incendiary bombs.
- Fireball carrier with electromagnetic trigger
- Weight carrying capacity max. 12 kg.
- Thermal Camera
- MAdoors Software
- Control unit
- Charging unit
- Batteries

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