

# ***AeroMed***

A Forward-Looking Design for  
Emergency Drones





# User-oriented Emergency Rescue

AeroMed addresses out-of-hospital cardiac arrest (OHCA) in aging societies where limited healthcare resources and difficult transportation delay response. Traditional ambulances are often slowed by terrain and traffic, but AeroMed drones can rapidly deliver AEDs and provide clear voice and screen instructions, enabling even untrained bystanders to intervene.

As populations age and healthcare worker shortages grow, deploying AED drones in densely populated elderly communities will greatly enhance rescue efficiency, speed interventions, and increase survival rates.





# Reliable Materials & Safety

AeroMed uses a lightweight composite structure with waterproof, fire-resistant, and impact-resistant properties for stable performance in complex environments.

Its carbon fiber frame is reinforced with aluminum inserts, while flame-retardant plastics and weather-resistant coatings protect against rain, UV, and corrosion.

Nylon and TPU guards enhance crash protection. With a compact, durable design, it supports long-term deployment in urban and rural public spaces for reliable emergency missions.





# Smart Deployment & Easy Rescue

AeroMed's base stations are deployed in densely populated public areas such as parks and communities, enabling rapid response to nearby emergency calls. Even in hilly terrains or other locations inaccessible to ambulances and unmanned vehicles, the drones can quickly reach the site.

Equipped with an onboard AED and interactive screen, the drones provide real-time guidance for bystanders, allowing even those without medical knowledge to perform defibrillation with voice and screen prompts.





## Simple & Friendly Appearance

The appearance of AeroMed follows the minimalist philosophy of “less is more,” combined with smooth, rounded forms that ensure flight stability while delivering a modern and approachable aesthetic. A unified design language integrates seamlessly with public spaces and urban infrastructure, reflecting the product’s focus on lightweight construction, portability, and user-friendliness, enhancing both technological presence and recognition in public areas.





# Saving Lives, Serving Society

By shortening rescue time and improving AED accessibility, AeroMed effectively reduces mortality rates from sudden cardiac arrest (OHCA). It is not only suitable for aging communities but also valuable in industrial areas with few young people and limited medical resources, providing timely aid for workers and remote urban regions. Against the backdrop of healthcare workforce shortages, AeroMed introduces an efficient and sustainable model for public emergency care.

