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(57) Abstract :
The present invention relates to a radio-controlled N-chia drone (102) for surveillance and collecting weather related data. The drone (102) further includes a plurality of motors (200a-200n), a propeller (202), a flight controller (204), a camera (206), a plurality of sensors (208a-208n), a controller (210), a screen (212), and a battery (214). The method involves establishing a wireless connection between the user device (104) and the drone (102). The servo motor (200b) is engaged, drawing power from the drone (102)'s battery (214) to drive efficiency. Activating the propeller (202) transforms motor output into thrust, enabling flight controller (204) to adjust stability based on user-provided flight commands. The camera (206) and sensors (208a-208n) capture imagery, real-time video, and weather data, subsequently processed by the controller (210). The screen (212) displays real-time weather video, while the user interface (108) of the user device (104) showcases pertinent weather-related data.

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