Microdrone UAV

Unmanned Aerial Vehicle for Observation & Mapping

Presenting Microdrones

Microdrones are miniaturized VTOL-aircrafts (Vertical Take Off and Landing) that can operate via manual remote control and autonomous with GPS waypoint navigation.

Safe and easy to use

Because of a unique AAHRS (Attitude and Altitude and Heading Reference System), unexperienced people can learn to fly the Microdrone within the hour.

The noise emission is very low thanks to a highy efficient propulsion system: less than 65 dBA on a hoverpoint on 3 meter distance. Optional videoglasses enlarge the operating range to be far out of direct sight to at least 500 meters or 1500 feet. Depending on payload and temperature the flight duration is at least 20 min.

The Microdrone comes fully equipped with solid air- and water-tight protection case, rechargeable batteries, video receiver, cabling.
Make your choice of camera's, optional glasses and other tools.

Applications and Users

The Microdrone can be equipped with different camera's to suit every need. Application fields and use cases are limitless :
Photography * Journalism * TV * Police * Fire Brigade * Army * Security Services * Environmental Protection * Public Works and Construction monitoring * Documentation * Reporting * Observation * Exploration * Surveillance * Surveying and Mapping * Communication ...

The Microdrone Airborne Mapping extension to Orbit GIS covers all tools for automated flight and high precision mapping.

Live Video Streaming - Color CCD Camera

Use the standard video camera to receive live video stream from the camera during flight. You can record the video or take snapshots along the flight.

B/W Low Light Camera - Near IR

Use the Dawn Camera in situations that lack sufficient daylight.

Infrared Night View Camera

This camera allows video registration at night, especially fit for security forces..

Still 8 Mpix Camera

Use this camera for high quality photography and mapping purposes.

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