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# Matrice 210

Adaptability on the go



A feature-rich UAV platform built for professionals and industry experts.

High performance motors paired with 17-inch propellers ensure stable flight in strong winds. The new dual-battery system automatically heats batteries when flying in sub-zero temperatures, while an enclosed design ensures weather and water resistance, so you can fly in a wide range of environments.

The M210 folds down in a snap and unfolds just as quickly. Gimbal mounting plates and aircraft arms stay mounted during transportation so that you're ready to fly within minutes.

### **Out of the box versatility**

The M210 offers interchangeable gimbal configurations, single, dual or upward. The dual gimbal allows the user to capture twice as much information in one flight. Whilst the upward gimbal allows the camera to be mounted on the top and look upward, ideal for bridge inspections.

### **ACTIVETRACK**

Keep moving subjects in frame while you fly with ease to capture detailed data. Perfect for keeping track of missing persons while you relay their position to rescue team.

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### **Point of interest**

Easily circle your object of interest to focus on capturing the data needed for a detailed inspection, compatible with the X4S and X5S cameras

### **Turn your aerial platform into an autonomous flying robot**

Use your dedicated system to communicate with the DJI flight controller over a direct serial connection. Monitor and control aircraft flight behaviour with the onboard API functions, while utilising the built-in intelligent Navigation Modes to create autonomous flight paths and manoeuvres.

## Pix4Dcapture

Pix4Dcapture allows you to turn your drone into a mapping and measuring tool by defining autonomous mapping flights.

- Select an area for mapping
- Start a fully autonomous mission
- Images taken automatically and geo-tagged
- Interrupt mission at any time in case of danger
- Transfer images to your computer

## 3D Textured Model

- Full 3D triangle mesh with photorealistic texturing, perfect for sharing and online visualisation
- DSM – Digital Surface Models
- Accurate, georeferenced mapping, ready for your preferred GIS workflow

To legally fly a small unmanned aerial system in the UK the Operator is legally required to hold a Permission for Commercial Operations (PfCO) from the UK Civil Aviation Authority (CAA). Before a PfCO is issued the Operator must write and have approved an Operations Manual. Also any pilots who are to fly for that Operator must hold a CAA approved NQE issued qualification demonstrating their operating competence and flying capability.

## Pix4D Outputs

- 3D Point Cloud
- Survey quality 3D points
- High resolution aerial map with corrected perspective



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