

Mini-Plane Air Photo Service

Low cost aerial photo mapping and terrain modelling

We capture the highest resolution images, when you want and where you want



› Safe and unobtrusive

Hand launched and lightweight, the mini-plane is completely safe. A near silent electric motor means that it flies unnoticed by animals or people. We are fully qualified and licensed by the Civil Aviation Authority

› Amazing images

Equipped with a high resolution camera and a choice of normal or infra-red photography, we can capture ultra high resolution images

› Total control and coverage

We create the flight plan on site and using onboard technology the plane flies itself, capturing up to 6 square kilometres a day

› Advanced outputs

We use state-of-the-art Pix4UAV software to create fully orthorectified (map accurate), seamless, wide area images. We can also create detailed 3D terrain models. Outputs are available as hardcopy and in industry standard digital formats for use in GIS and other applications

Archaeology

- ✓ Recording & 3D modelling of historic landscapes
- ✓ Use in web mapping and for interpretation

Quarries & Construction

- ✓ Project monitoring
- ✓ Quarry profiles & volumetrics
- ✓ Site planning & management

Conservation

- ✓ Map habitats and condition
- ✓ Monitor animal distributions
- ✓ Sand dune modelling & monitoring

Agriculture

- ✓ Crop monitoring
- ✓ Fire and wind damage
- ✓ Pest & disease surveys

Estate Management

- ✓ Build a record of assets
- ✓ Create a lasting land use record
- ✓ Use in mapping systems
- ✓ Measure areas & boundaries

Golf Courses

- ✓ Create map accurate photos
- ✓ Add interactive photo maps to your website
- ✓ Use data for yardage books and caddy systems

www.esdm.co.uk/aps
for examples

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OUR SERVICES

Following your enquiry we will provide a detailed, fixed price and fully inclusive quotation

The basic service

We will attend site and photograph up to 6 square kilometres per day. We will do advanced processing (orthorectify & mosaic) to create map accurate aerial images for use in GIS and other specialist software.

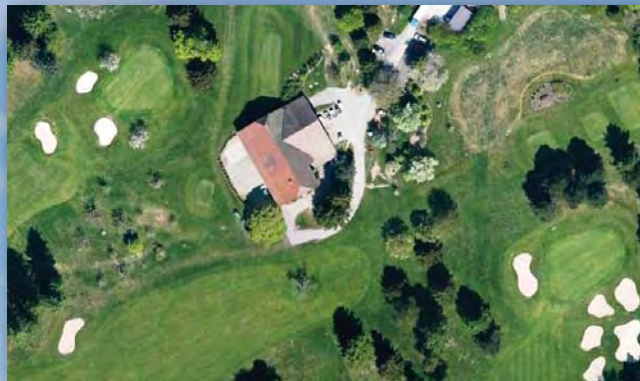


+ Option 1: 3D maps

We create digital terrain models using Pix4UAV advanced processing software and can supply DEM, triangulation and point cloud outputs. Other options include transformation into any map projection, surface profiling, volumetric analysis etc.

+ Option 2: Publish to web

We will overlay your aerial images on Google Maps™ & Google Earth™ for advanced viewing and sharing or we can build your own dedicated web mapping solution



+ Option 3: Prints

Photo quality prints at a range of sizes from A4 to A0

About us

exeGesIS is a well established and respected environmental, survey, web mapping and software development company. Our aim is to harness the power of

new technologies to improve land management for conservation, recreation and production.

Operating across the UK and overseas, our many hundreds of clients include the National Trust, the RSPB, Natural England, the Countryside Council for Wales, Local Wildlife Trusts, English Heritage and many private companies across a range of land use and land management sectors.

Full details and examples at: www.esdm.co.uk (click on the Air Photo link)



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