



THE SMART PHOTOGRAMMETRY SOLUTION



- ▶ Totally autonomous - flight is GPS guided
- ▶ Results available within a few hours
- ▶ Compatible with existing mapping/planning software
- ▶ Can be used with or without ground control points
- ▶ Typical ground resolution 4cm/pixel

The image below shows the results from a flight conducted near our offices compiled from images captured at an operating height of 100m



As a leading aerial photography company, Walker Ellis Photography & Design are now offering clients a brand new aerial surveying and mapping service.

As a result of artificial intelligence this new unmanned aerial vehicle (UAV) is completely autonomous, compact and ready to fly in minutes. The lightweight airframe allows us to launch by hand and land on almost any surface.

With a 30 minute flying time and 12MP camera on board, the UAV follows a pre-programmed flight path taking high resolution images as it goes. These files are then rectified and seamlessly stitched together to produce either a fully geo-referenced Orthomosaic or a Digital Elevation Model (DEM).

With automatic safety and emergency procedures and working within the Civil Aviation Authority's defined restrictions, we are making photogrammetry more accessible and more accurate.

Watch a demonstration at: <http://vimeo.com/36473501>



WALKER ELLIS
ASSOCIATES LIMITED

AERIAL SURVEY

Blencathra Business Centre, Keswick, Cumbria CA12 4TR
Tel: 017687 79962 Email: survey@walkerellis.co.uk
www.walkerellis.co.uk