Cutting edge ICT
As used by UK Rescue Teams, industry and governmental agencies.

Essential safety equipment
Ensuring no-one gets lost makes this essential to all risk assessment.

Easy to use
Maps are supplied on ‘plug & play’ SD cards.

Built to withstand intensive use
Rugged & weatherproof, with large multifunction keys & replaceable screen cover.

Clear navigation
Detailed Ordnance Survey mapping on large display.

Web applications
Online planning and sharing applications.

Multidisciplinary
Ideal for cross-curricular lessons (Technology, Science, Humanities, Maths, English and PE).

Outdoor & indoor activities
Collect data in field studies and present results through online applications.

Location visualization
Encourages spatial and environmental awareness.

Technical Guide

GPS	▸ SiRF III ▸ 18mm patch antenna
Screen	▸ 8.7cm LCD TFT (320 x 240) ▸ Sunlight readable ▸ Variable backlight control
USB	▸ LiPol battery charging ▸ Data upload/download
Memory	▸ 64 MB RAM & 256 MB FLASH internal ▸ High Capacity SD card (up to 32GB)
Compass	▸ Integral electronic compass ▸ GPS based compass ▸ Direction indicator
Elevation Data	▸ OS gridded height data ▸ GPS height data
Route Planner	▸ Integral to unit ▸ Unlimited waypoints ▸ Trip log & screen shot function ▸ GPX file route sharing
Rugged Design	▸ Weatherproof & shockproof ▸ Replaceable screen cover
POI Input Facility	▸ Input POIs in text format directly onto the unit
Geocaching	▸ Fully compatible with geocaching.com (download coordinates & hints from the website)
Power Options	▸ 3 x AA battery ▸ 1500mAh or 2700mAh Lithium Polymer battery ▸ Car charger ▸ Solar charger compatible ▸ Battery life (LiPol): 100 – 120hrs (Hibernate Mode) 16 – 24hrs (Advanced Power Mode) 12 – 16hrs (Normal Power Mode)

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satmap way ahead

education active 10

Cutting Edge GPS Technology

For your school

satmap.com/education

education active 10

The Satmap Active 10 is an easy-to-use and reliable GPS receiver with some of the most advanced navigation technology. It displays high-quality, digital Ordnance Survey mapping on a large colour screen.

The Active 10 will show your position on a map, track your path, allow you to plan routes, mark Points of Interest and geocaches*. Satmap offers Ordnance Survey mapping for the whole of the UK and the Republic of Ireland as well as a unique custom mapping service and a growing selection of European map titles.

The Active 10 has been specifically adapted for intensive use and is ideal for many scholastic activities. It is purpose-built for the great outdoors — rugged and weatherproof with a long battery life and large buttons for safe, easy use.

- Ordnance Survey Mapping 1:50k & 1:25k
- Electronic compass
- Track your position
- Online Route Planner & Route Share Network
- Trip log and statistics
- Direction indicator
- Map orientation

Enabled by Ordnance Survey

***Fully compatible with geocaching.com**

Geocaching is a high-tech treasure hunting game played throughout the world by adventure seekers of all ages equipped with GPS devices. It involves locating hidden containers (geocaches) outdoors and then sharing experiences and hints online.

It is a great way to have fun and keep fit and promotes a strong sense of community and support for the environment.

Innovative and enquiry based learning opportunities — perfect for an integrated curriculum.

Discover a unique educational tool offering a new learning experience through the combination of cutting edge technology, multidisciplinary applications and healthy outdoor activities. The Active 10 Education gives you many possibilities that can be adapted to the needs of your students.

▶ ICT & Maths

Find, display, analyse and manipulate geographic data through navigation and Geocaching.

▶ Community awareness projects

Plan, collect and record information about your local community. Analyse and share field work results online.

▶ Geography field studies

Map out your school grounds, local area or region. Work with coordinate systems, develop map reading skills, understand profiles and geographical evolution.

▶ History projects

Record urban development and how it affects your environment. Research historic buildings and sites.

▶ Environmental studies

Organise projects and long term studies such as wildlife and river surveys, soil erosion and transect comparisons.

▶ Biology & History scavenger hunts

Investigate plant populations, rock formations, historic sites in a pro-active manner.

education

active10

GPS technology for your school

Testimonials

▶ The students love to play with technology — when they're using it, they're more willing to learn. This has made the Satmap Active 10 the obvious choice. It uses real Ordnace Survey mapping which is displayed on a large, easy-to-view screen.

▶ We've used the Active 10 GPS in Geography to plan, explore and analyse field trips and the environment (longitude/latitude, distance, profile). It has been a great tool to familiarise pupils with our region.

▶ We have been using the Active 10 to teach mathematics with a new, interactive and proactive approach. We took KS 2&3 pupils outside, measured angles and distances and let them explore triangulation and direction with the Active 10 on the school grounds.

▶ The Active 10 was brilliant on a field trip to the New Forest. Pupils understood the importance of map reading and orienteering and developed a firm grasp of grid references. During bad weather and poor visibility it kept us safe and on track.

▶ The Active 10 has been a true all-rounder, currently being used to track PE performance (distance & speed in conjunction with elevation) and even in creative writing (mystery clues hidden in Geocaches).

▶ Using the Active 10, pupils explored the local community in order to collate information on local landmarks, useful points of interest, historical information and geographical features and data. They then shared it with local residents online.