

## TECHNICAL SPECIFICATIONS

### Active 10 Features

- ▶ Toughened, impact resistant ABS casing with all-weather capability
- ▶ IP65 (dustproof and weather-resistant)  
IP67 with the ProSHIELD, the silicon protective case
- ▶ SiRF Star III GPS receiver (12 channel)
- ▶ WAAS / EGNOS enabled
- ▶ Integrated 18mm patch antenna
- ▶ Custom Microsoft CE operating system
- ▶ SD card reader for map data – allowing expandable memory (up to 32GB)<sup>1</sup>
- ▶ Dual function USB 2.0:
  - Power input
  - Data transfer to/from a computer
- ▶ 8.7cm / 3.5 in LCD TFT colour screen (320 x 240) with variable backlight control
- ▶ Day/night visible screen with red backlight option for night use
- ▶ Accuracy down to 2 meters
- ▶ Withstands temperatures from -10°C to +60°C (14°F to 140°F)
- ▶ Built-in Lithium Polymer battery charger
- ▶ Power source options:
  - 3 x AA size standard batteries (recommended: Lithium)
  - 2700mAh or 1500mAh Lithium Polymer rechargeable battery
  - 240v/120v mains supply
  - 12v DC vehicle (cigarette lighter)
- ▶ Interchangeable battery back allowing various ancillary options:
  - Multi-power options
  - Bike mount options
  - Vehicle mount options
- ▶ Interchangeable screen covers for added protection
- ▶ Available in various bundles<sup>2</sup>

### Software Features

- ▶ ARM 9 Processor
- ▶ 64MB RAM
- ▶ 512MB Flash Memory<sup>3</sup>
- ▶ Built-in 2 axis electronic compass / GPS based compass / direction indicator
- ▶ Various power modes for extended battery life<sup>4</sup>:
  - Hibernate mode (100 – 120 hrs)
  - Advanced Power mode (16 – 24 hrs)
  - Normal Power mode (8-12 hrs)
- ▶ Screen capture function saves a jpeg of the screen display
- ▶ Trip log functionality
- ▶ Customizable performance statistic (viewable live on screen, and download to computer)
- ▶ Folders and sub-folders allow for organizing OOs and routes
- ▶ Transfer of all data (routes, tracks and OOs) between device and computer
- ▶ Create, download and upload routes between Google Earth and the Active 10 using SatSYNC<sup>5</sup>
- ▶ Geocaching compatible – download coordinates & extra information from geocaching.com
- ▶ Geotagging compatible – add longitude/latitude information to digital photos

### Mapping Features

- ▶ World base mapping available as standard:
  - 1:5 million
  - 1:200 million
  - USA only: National Geographic 1:1 million World Atlas
- ▶ Raster topographical mapping from leading international mapping agencies in different scales
- ▶ Topographical mapping available on SD cards (up to 32GB)<sup>1</sup>
- ▶ See where you are on the map using map overlays including:
  - 'You are here' icon
  - OOI markers
  - Route/track information including waypoint names
  - Trail data with multiple settings
- ▶ Built-in route planning functionality
- ▶ Smooth zoom and pan function
- ▶ North Up or Trail Up map orientation function (location position can be at the bottom or central to the map)
- ▶ Create routes, waypoints and OOIs on the unit or import from a computer
- ▶ In-built selectable POI icons including Geocaching icons.
- ▶ User selectable position format with Latitude/Longitude and other supported Grid Reference systems
- ▶ Map toggle capability – switch between different map layers at a particular point on the same zoom level.
- ▶ Marker function allows calculation of distance between two points on a map.
- ▶ Data overlay customized settings

<sup>1</sup> Memory limited by capacity of SD cards

<sup>2</sup> Please refer to satmap.com or visit our retail partners

<sup>3</sup> Excludes base mapping

<sup>4</sup> Using AA Lithium batteries

<sup>5</sup> Free download available from satmap.com



#### Unit Dimensions

7.5cm x 13cm x 3.5cm  
(3 in x 5.1 in x 1.4 in)

#### Unit weight

175g / 6.2 oz  
(excluding batteries)

#### Display size

8.7cm / 3.5 in

#### Display resolution

320 x 240

## TECHNICAL SPECIFICATIONS



- Maps sold on SD cards, covering different countries, regions, hot spots.
- Custom maps to suit every need available directly from Satmap.
- Only mapping provided by Satmap is compatible with the unit, but a majority of routes and POIs created on third-party tools are also compatible with the unit.

Please note: All details are correct at time of writing; however Satmap Systems reserves the right to alter the technical specification without notice prior to full product launch. Products supplied prior to the date of this may vary.

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