

GBM Mobile for ike

GBM Mobile versions from V3.50.0039 include extensions that take advantage of the special features of **ike** hardware.

What is ike

In the one hand-held unit, **ike** integrates the capabilities of:

- GPS receiver (RTK and Post Processing extensions available soon)
- Laser distance meter
- Inclinometer and Digital compass
- Digital camera
- iPAQ PDA



Why ike

ike delivers an especially productive asset capture environment. An operator can locate an asset by laser offset without needing to move to the actual asset location. This is particularly important for assets that are in inaccessible or dangerous locations. For example:

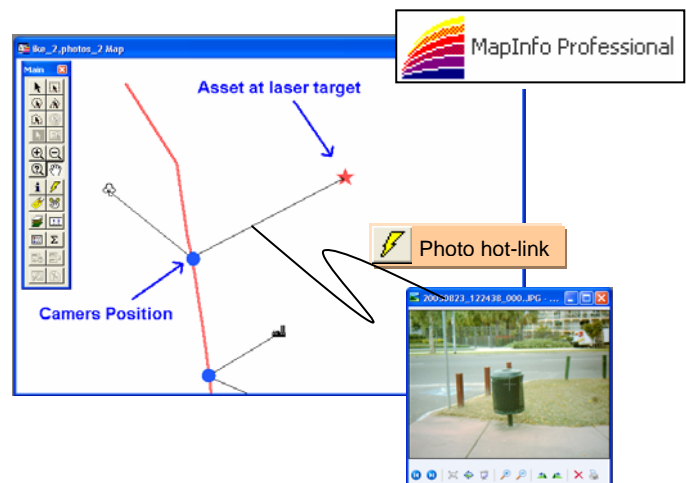
- An inspector can locate traffic signs from within a vehicle, without having to park the car and cross the road to get a GPS location.
- An arborist can locate a tree or map the limits of a weed infestation without needing permission to enter the property.

ike automatically collects a photograph when an asset is located by laser offset, providing an evidentiary record of the inspection and the condition of the asset at that time.

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When installed on **ike**, GBM Mobile delivers all its the standard software features including MapInfo powered GIS. GBM Mobile also recognizes all the **ike** special devices to deliver the following additional services:

- **Drawing of new map features at the laser target location**
Locations are automatically computed by distance bearing offset from the current GPS location or from the location of an existing map object
- **Recording of photo locations**
Photo ID is attached to a line object that connects the Camera and photo target locations
- **Photo hot-linking on the PDA**
Photo ID can be automatically populated into a custom form. Click on the map feature with the hot-link tool to open the photo
- **Photo hot-linking in MapInfo Professional**
Click on a map feature or the line connecting the camera and photo target with the MapInfo hot-link tool in MapInfo Professional to open the photo



Further Information

ike is manufactured by Surveylabs in New Zealand. Visit www.survey-lab.com for more information.