

Renewed Solution for Transportation Network Mapping



Imajbox, an integrated, portable and stand-alone surveying and mapping solution, has been completely renewed. The solution aims to stretch the limits of mobile mapping technology by making data capture accessible to any organisation. imajbox L, imajbox S and imajbox T can be used for roadways, railways, urban areas or trail surveys.

The solution makes it possible to map, inventorise, georeference and assess infrastructures and equipment condition along transportation networks, with a single pass survey. The new range of imajbox is an accurate mobile mapping system integrating an IMU, a GNSS receiver and a CCD sensor. This 650g box autonomously produces a georeferenced image flow.

Imajbox can be set up in a minute without any cables. It integrates its own battery, stores data on USB media or via ethernet and can be operated via Wi-Fi from a tablet or a smartphone. Mounted either inside or outside any vehicle, imajbox is adaptable to any environment for daily data collection.

Designed for massive data production, imajbox can survey from a few single kilometres to hundreds of kilometres per day. The whole dataset produced by imajbox is exploited with imajview, a software suite developed to serve studies, cartography and GIS. It enables to feed and update the spatial knowledge base currently used by infrastructure managers.

Imaging will demonstrate its new range of products on 7 May 2014, at MundoGeo Connect#2014, São Paulo, Brazil.

<https://www.gim-international.com/content/news/renewed-solution-for-transportation-network-mapping>
