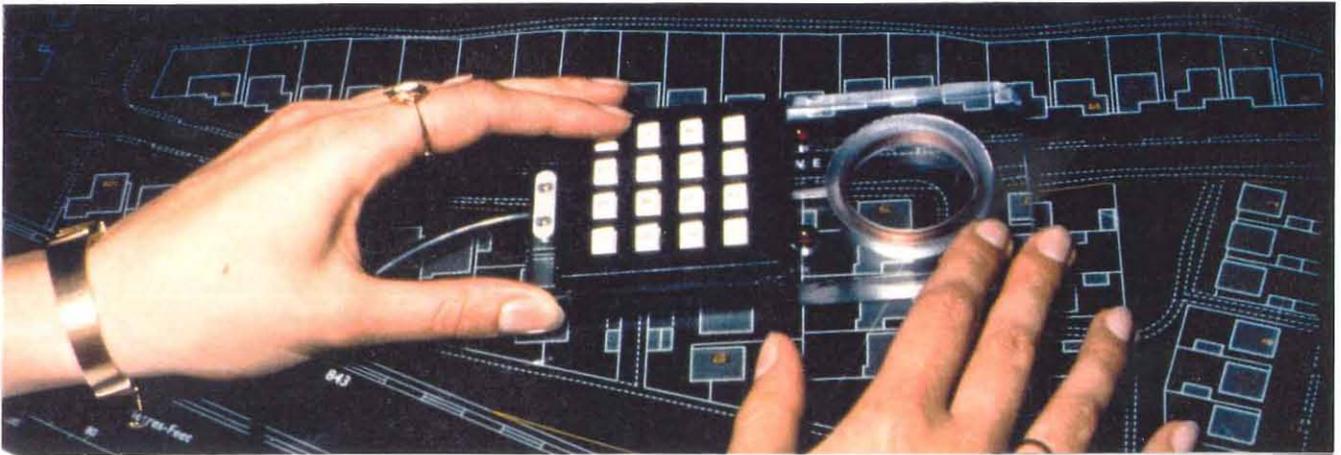


DIGITISING TABLE INTERFACES

Virtually all map production and Geographic Information Systems (GIS) require input from digitising tables. Digitising tables provide a quick and cost-effective method of inputting small volumes of paper map-based information into digital form. This may be, for instance, updates to a map drawn onto a master survey document, or the locations of assets marked on a large-scale base map needed for use within a GIS.



Product description

Laser-Scan supports interfaces to a wide range of digitising tables. There are no industry standards for such interfaces, but all popular interfaces are supported and Laser-Scan also offers an ability to interface to unsupported digitising tables.

The design of the hardware can influence both the interface and the data produced. For example, digitisers are manufactured with different resolutions – higher resolution digitisers have higher accuracy. Typical accuracies are 0.005 inch (0.127mm) and 0.002 inch (0.0508mm). The higher accuracy tables would be required typically for precision map digitising, whereas the lower accuracy tables would normally be sufficient for most GIS applications.

In most cases, the hardware chosen does not affect its use within the Laser-Scan system, so that digitising tables from different manufacturers will behave in the same way to the user.

An interface to a recommended digitising table is provided as standard with all Laser-Scan *HORIZON* and *METROPOLIS Update* and *Analysis* GIS products, and all *LAMPS* map production systems.

The Benefits

- Maximises existing investment in hardware
- High quality tables, suitable for map production, are supported
- Full integration with other Laser-Scan software products increases capability

Digitising table interfaces

Digitising tables supported

Altek
Calcomp
Kontron
Mutoh
Summagraphics
GTCO

Other manufacturers

Digitising tables produced by other manufacturers often output data via one of the above formats, and can therefore be used within the system.

Other formats

Interfaces to other formats can also be supplied. A detailed specification of the table output format is required. Please contact Laser-Scan for further details.

Laser-Scan Limited

*Cambridge Science Park,
Milton Road,
Cambridge CB4 4FY*

*Tel: (0223) 420414
Fax: (0223) 420044
Telex: 817346*

Requirements

Digitising table interface options can be used with *LAMPS* version 3.4, *METROPOLIS* version 1.2 and *HORIZON* version 1.2 or higher.

Laser-Scan *LAMPS* map production and *VTRAK* data capture systems are designed for the full range of map production tasks – data capture and input, map manipulation, cartographic enhancement and high quality output.

Laser-Scan Geographic Information System (GIS) products are *METROPOLIS* – designed for applications such as property management, land charges, market analysis and emergency planning, and *HORIZON* – for environmental applications including terrain analysis and telecommunications planning. These products integrate vector and raster mapping with a relational database and provide a full range of analytical tools within a state-of-the-art menu interface. Products may be customised to meet the exact needs of different users.