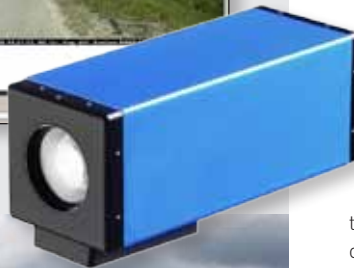
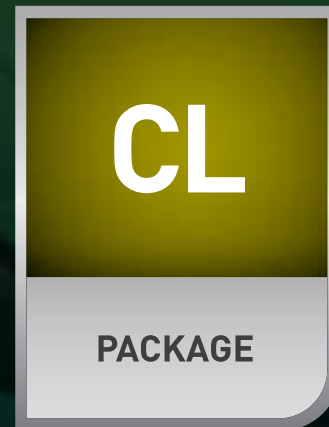


Road Doctor™ CamLink -package

An Innovative Complete Package for Road Surveys



The Road Doctor™ CamLink -package (RDCL-package), a plug and play survey system for capturing multiple videos or still photos linked with GPS coordinates and other survey data, is an excellent product of Roadscanners' research and development activities. The package includes all of the hardware components and software needed for data collection, analysis and reporting.

The Road Doctor™ CamLink system includes a high quality GPS device, industrial video cameras designed for high speed video capture and a sturdy laptop. All instruments can be mounted quickly on the vehicle roof in a rugged plastic box that protects the equipment from dust and rain. The user can select GPS and/or wheel mounted encoder (DMI) as a positioning system. Roadscanners and Eltrip have developed a Compatibility KIT for combining the positioning system. More information: Compatibility KIT

Road Doctor™ CamLink is well suited for making different kinds of road inventories. With the system, it is possible to define up to ten parameters for classification while capturing videos. Logged parameters can be continuous (like Drainage, Cracks, Patching) or point-like (Culvert, traffic signs). All of the ten parameters can have up to four classes.

Roadscanners has designed a system that can handle the challenging conditions and environments that we and our clients face all over the planet. Outside of Finland, this system is being used in Sweden, USA, Slovenia, Azerbaijan and South-Africa.

Compatibility KIT

If the user wants to collect Road Doctor™ CamLink data (Video, GPS, Inventory, Laser scanners, IR camera) and GPR data simultaneously, there is a necessity for a combined positioning system instead of two separate systems. To combine the positioning information from Road Doctor™ CamLink and GPR, Roadscanners Oy has developed a tool called the Eltrip GPR compatibility Kit. It enables the user to use a GPR encoder as a source for the Eltrip DMI instead of the vehicle's internal speed pulse. The Eltrip GPR Compatibility kit is essentially a "splitter box" which utilizes the GPR encoder signal as an input and forwards it to the GPR device without any modifications. In addition, it "steals" the GPR encoder pulse for the Eltrip DMI. Utilizing the GPR Encoder pulse, the accuracy of the Eltrip DMI is 10cm. Whereas with the vehicle's internal pulse, the accuracy of the Eltrip DMI is generally 1m.



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