



## Road Doctor® Cam Link 5.1 Specifications



Computer System Requirements for Road Doctor Camlink Software	<p>Operating System: Microsoft Windows XP, or Windows VISTA with Direct X 9.0c or newer</p> <p>CPU: Intel Pentium 4, AMD Athlon or Equivalent Processor with minimum of 2 GHz. Recommended two core CPU</p> <p>Memory: Minimum 1 GB, recommended 2 GB RAM, 120 GB Hard Disk Space for Video saving</p> <p>Graphics Adapter: Minimum of 1024 x 768 pixel resolution with 16/32 Bit Depth and 64 Mb Graphics Memory</p> <p>Interfaces: free USB-port for software security key, free Firewire port or pcmcia-adapter or usb-port for Video, free true serial port or usb or bluetooth serialport for GPS or odometer.</p>	Road Doctor Camlink Hardware	<p>Notebook: Computer as specified</p> <p>Camera-boxes: 1 or 2 glass fiber rain and dust protected boxes in a roof rack, weight 4 kg each, size Width x Length x Height mm. Each box can hold 2 - 3 video cameras.</p> <p>GPS: Accuracy as required, NMEA compatible GPS (Trimble with differential correction recommended)</p> <p>Video cameras: Standard firewire video cameras PAL or NTSC</p> <p>Distance meter: if required</p> <p>Cables and wiring: as needed</p>
Road Doctor Camlink Video support	<p>Support for 3 simultaneous DV-videocameras through firewire</p> <p>Recording: as video or images at specified time intervals</p> <p>Windows supported USB and firewire cameras with WDM-drivers</p> <p>Video compression with system supported video encoders (real time video encoding may not be possible with multiple cameras)</p>	Audio features	<p>As standard the audio is saved with video</p> <p>Audio can be saved also separately to a WAV-file</p>
RD Camlink GPS and distance meter Support	<p>Supports standard NMEA outputting serial port GPS devices. Serial port can be assign to be com1 to com16</p> <p>Distances can be get from other distance giving instruments</p> <p>Supports also requesting the distance information at fixed time intervals</p> <p>Recording can be paused automatically if measurement stops</p>	Other device support	<p>Can import data from two real or virtual serial port devices and one bi-directional real parallel port device.</p> <p>Scan number exporting through parallel port is supported in GSSI's Terravision and SIR-20 GPR.</p> <p>Scan number export through serial port is supported in 3D-Radars Geoscope GPR main unit.</p>
RD Camlink Inventory Module	<p>All keyboard keys can be programmed to classify 10 road distress parameters to 4 classes. Function keys are used to make quick annotations of road furniture etc.</p> <p>Created Inventory file is converted to an inventory analysis file using Road Doctor Designer or Road Doctor Pro</p>	Video and GPS coordinate linking using Road Doctor	<p>Video or images are linked to coordinates using <b>Road Doctor Pro, Road Doctor Designer, Road Doctor GPR or Geo Doctor.</b></p> <p>Linked images and video can be viewed and shown using all Road Doctor Products</p> 