



Providers of Innovative Technology for Measuring and Managing Roads.

Common Configuration

State-Of-The-Art Network Survey System

RECOMMENDED FOR:

- ◆ Anyone who want the latest technology, highest accuracy and most reliable data for maintaining modern road networks.

KEY BENEFITS:

- ◆ Automatically collect cracking, potholes and other pavement defects,
- ◆ Utilizes advanced LCMS scanning lasers from world renowned Pavementrics/INO and at the best price on the market,
- ◆ High resolution 3D profiling allows for the analysis of datasets not possible from traditional vehicle mounted systems,
- ◆ Pavement imaging during day or night,
- ◆ Lane tracking feature ensure consistent and repeatable profile positioning, overcoming influences like driver wander,
- ◆ Easily create detailed GIS maps using the Mobile Mapping software and 360 field of view (FOV) imagery,
- ◆ Install on locally supplied vehicles,
- ◆ JPEG images with automatically overlaid defects, include custom severity color coding,
- ◆ Innovative design allows the whole system to run off the vehicle power supply (i.e. no additional generators required),
- ◆ Easier maneuverability with no large bumper mounted devices,
- ◆ Use ROMDAS keycoding feature to perform visual condition and asset inspections while surveying,
- ◆ All data referenced with chainage and GPS coordinates.

INCLUDES:

- ◆ Central ROMDAS system,
- ◆ High Resolution DMI (HRDMI),
- ◆ DGPS receiver,
- ◆ Rack mount computer system,
- ◆ LCMS module,
- ◆ LCMS Roughness upgrade,
- ◆ LCMS Geometry upgrade
- ◆ 360 degree camera,
- ◆ DataView software,
- ◆ Mobile Mapping software.

SUGGESTED UPGRADES:

- ◆ None, this is the best you can get!



LCMS

- Cracking (automatic)
- Rut Depth
- Rut Width
- Rut Cross-Sectional Area
- Macrotexture (MPD)
- Surface Ravelling
- Surface Bleeding
- Pothole detection,
- Concrete Joints and Faulting,
- Water pooling depth
- Pavement Imagery (JPEG)

Upgrades Included

- Roughness (IRI)
- Road Geometry

romdas

Manufactured by Data Collection Ltd

8C Bentinck Street, New Lynn, Auckland 0600, New Zealand.

Ph.: +64 9 827 7703

www.romdas.com

Email: info@romdas.com