

# Videobased Mobile Mapping Solutions

# CITY MAPPER



## Videobased Mobile Mapping

**in just four simple steps**

**DATASHEET**  
version 1.0

Based on several years of experience with video-based mobile mapping, we developed a total solution to support an easy workflow of data capturing. The citymapper is a roof rail system, where GPS/INS, capturing hardware, camera mounting is included.

This is a very stable system to maximize production time for capturing.

The standard configuration of GPS/INS and camera position, that can be mounted on the roof rails of your car, will result in a flexible system for several projects.

**KEY FEATURES**



**Details**

Camera	Pointgrey Ladybug 3, 5 or Ladybug 5+
GPS/INS	Configurable (see poslv specs table)
	Applanix Pospac post-processing software
PC	Power PC with Windows 10
	Horus Triggerbox included
HMR	1 license Horus Movie Recorder
HMM	1 license Horus Movie Maker
HMP	Horus Movie Player (free to distribute)
Dimensions	170 cm x 25 cm x 85 cm ( L x B x H)



**PERFORMANCE SUMMARY - With GNSS\***

POSLV	210 PP	210 IARTK	210 DGPS	220 PP	220 IARTK	220 DGPS	420 PP	420 IARTK	420 DGPS	510/520 PP	510/520 IARTK	510/520 DGPS	610/620 PP	610/620 IARTK	610/620 DGPS
X,Y Position (m)	0.020	0.035	0.300	0.020	0.035	0.300	0.020	0.035	0.300	0.020	0.035	0.300	0.020	0.035	0.300
Z Position (m)	0.050	0.050	0.500	0.050	0.050	0.500	0.050	0.050	0.500	0.050	0.050	0.500	0.050	0.050	0.500
Roll and Pitch (°)	0.020	0.020	0.020	0.020	0.020	0.020	0.015	0.015	0.015	0.005	0.008	0.008	0.005	0.005	0.005
True Heading (°)	0.050	0.100	0.200	0.025	0.050	0.050	0.020	0.020	0.020	0.015	0.020	0.020	0.015	0.020	0.020

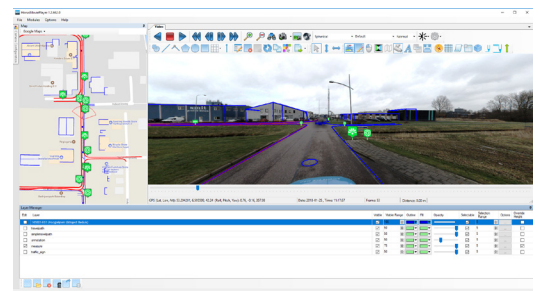
see [full pdf](#) with all specification from applanix

**Also included**

Configuration	2 days on site (power supply must be available in the car)
Training	3 days on site (Recording software, Player Software)
Support	First year support Horus Software
Bundle Demo licenses	Layer manager, annotations, orthotool, immersive scene builder



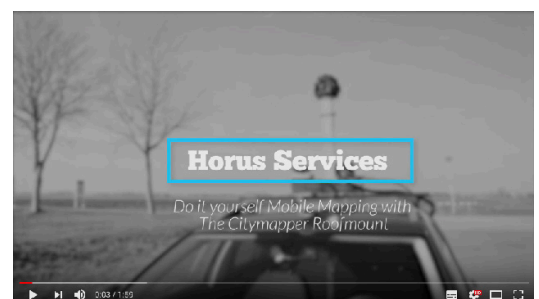
See our product video's on our [YouTube Channel](http://www.youtube.com/c/HorusNu)



The Horus Movie Player

**Designed to Fit**

The Citymapper can be mounted on standard roof rails and is available with both the Ladybug 3, 5 or the Ladybug 5+ to fit the needs of your projects. Add high resolutions camera's for more detailed inserts to inspect certain area's.



Horus Services: Do it yourself Mobile Mapping with the Citymapper Roofrack