

# RIEGL

# VMX<sup>®</sup>-2HA

## Basic Configuration



The *RIEGL* VMX-2HA-BC (Basic Configuration) is a High Speed, High Performance Dual Scanner Mobile Mapping System which provides dense, accurate, and feature-rich data at highway speeds.

With 3.6 million measurements and 500 scan lines per second, this turn-key solution is ideally suited for survey-grade mobile mapping applications.

This powerful technology comprises two *RIEGL* VUX-1HA<sup>22</sup> High Accuracy LiDAR Sensors and a high performance INS/GNSS unit, housed in an aerodynamically-shaped protective cover. The VMX-2HA-BC can be equipped with a spherical camera system optionally.



# High Speed, High Performance Dual Scanner Mobile Mapping System

### Typical Applications

- Transportation Infrastructure Mapping
- HD mapping for autonomous vehicles
- Road Surface Measurement
- Rapid Capture of Construction Sites and Bulk Material
- City Modeling
- Open-Pit Mine Surveying
- GIS Mapping and Asset Management
- As-Built Surveying



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## RIEGL VMX-2HA-BC Key Features

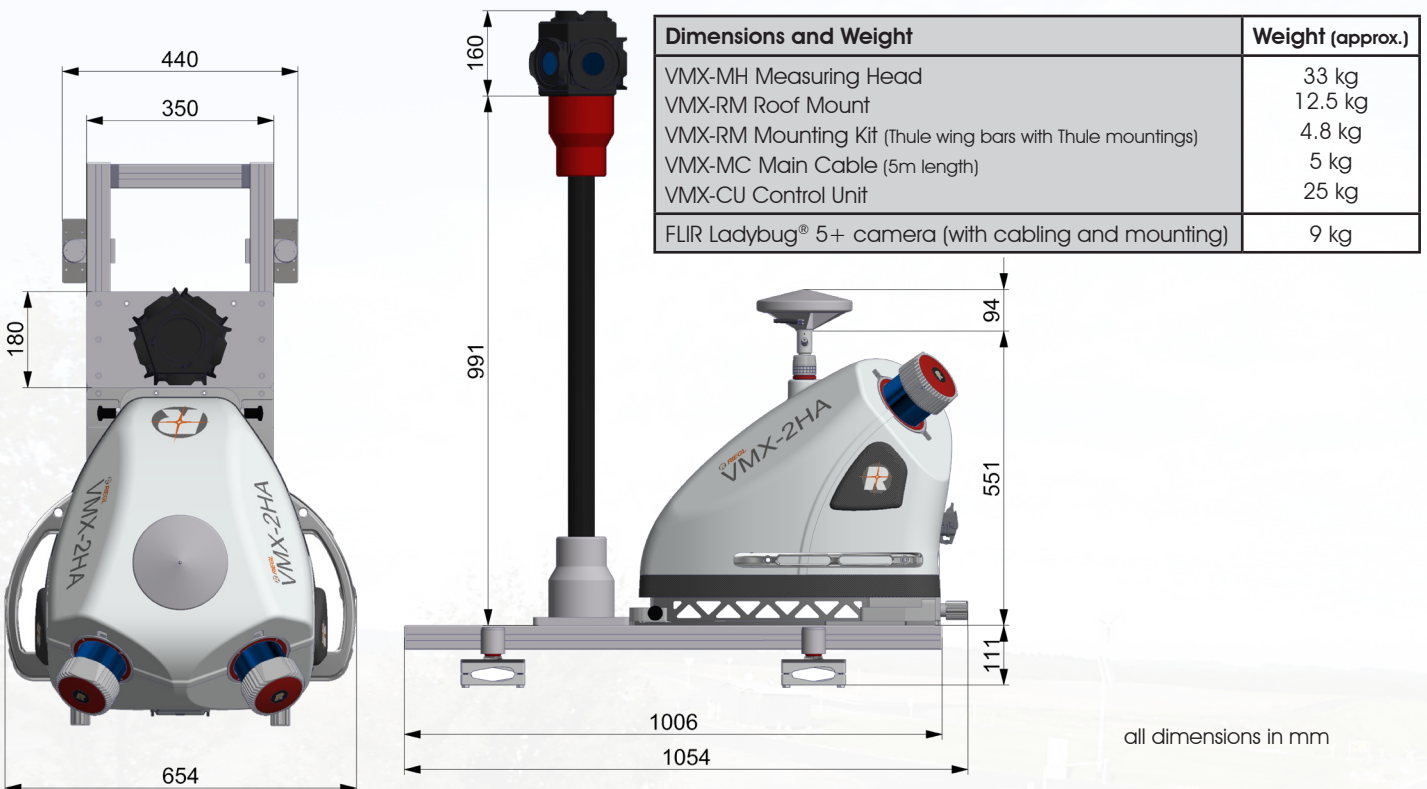
The RIEGL VMX-2HA-BC (Basic Configuration) delivers utmost scanning performance without compromises.

The RIEGL VMX-2HA-BC comes as a version of the RIEGL VMX-2HA reduced in weight and size, focusing on high-end scanning performance. It can be complemented with an optional spherical imaging system such as FLIR Ladybug® 5+ camera.



RIEGL VMX-2HA-BC in action

## RIEGL VMX-2HA-BC Dimensions and Weight



## RIEGL VMX-2HA

Like the RIEGL VMX-2HA-BC the VMX-2HA High Speed, High Performance Dual Scanner Mobile Mapping System provides dense, accurate, and feature-rich data at highway speeds. In addition to the sophisticated technical performance in laser scanning, the VMX-2HA provides a combination of up to 9 different cameras (including the panorama camera FLIR Ladybug® 5+ and 5MP/12MP/24MP RIEGL cameras with minimal lens distortion) to allow perfect adaptation of the camera configuration to the respective customer's task. A high-speed 10GigE link takes care for the reliable data acquisition of up to 3.6 million measurements per second as well as of the image data of all integrated cameras.

Technical Details to be found in the latest RIEGL VMX-2HA brochure.



RIEGL VMX-2HA Brochure



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