MLS

RIEGL
VMX®-2HA
Basic Configuration

| 👁 | 475m | ▦ 3.6MHz | ⌖ | 📷 optional | 📊 |

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[22] 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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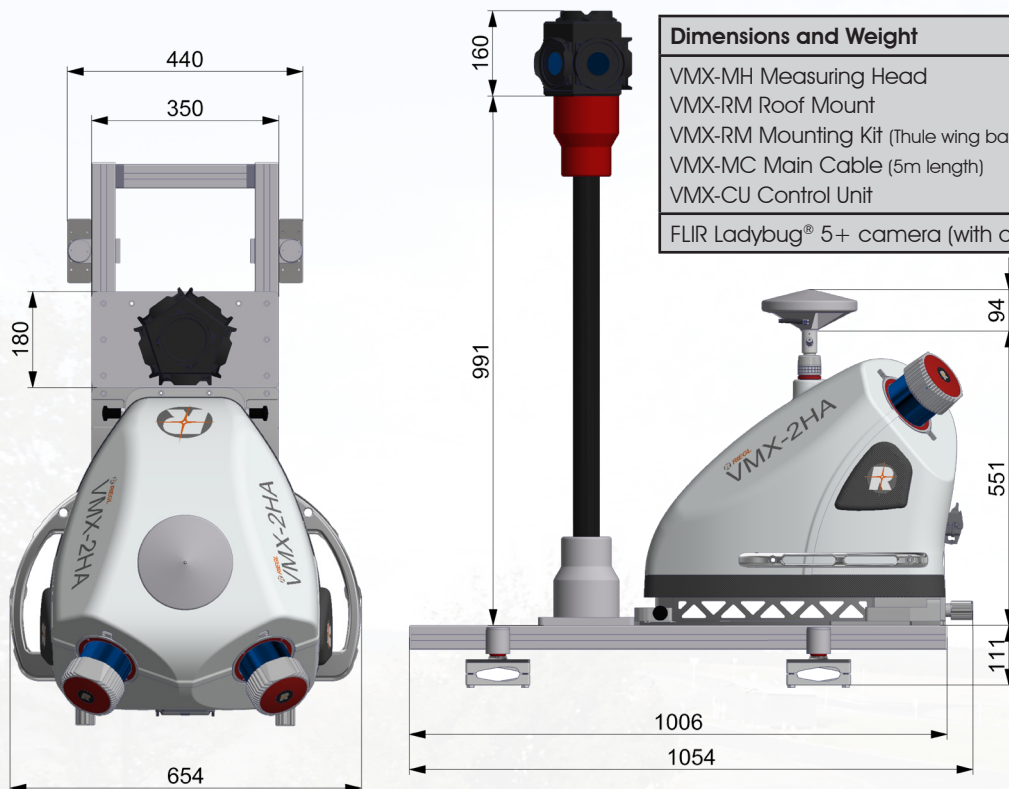
RIEGL®

▶ *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

Dimensions and Weight	Weight (approx.)
VMX-MH Measuring Head	33 kg
VMX-RM Roof Mount	12.5 kg
VMX-RM Mounting Kit (Thule wing bars with Thule mountings)	4.8 kg
VMX-MC Main Cable (5m length)	5 kg
VMX-CU Control Unit	25 kg
FLIR Ladybug® 5+ camera (with cabling and mounting)	9 kg

all dimensions in mm

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 *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

You Tube

Watch our videos!
youtube.com/riegllidar

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