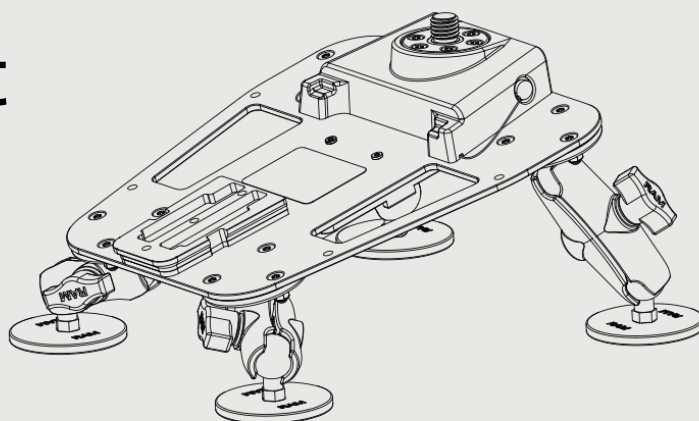


# Vehicle RTK Specifications sheet



## Materials of construction

- Carbon fibre main plate.
- High strength composite RAM® mounts.
- N35 grade magnetic RAM® Tough-Mag feet.
- Tough polymer main electronics housing.
- Stainless steel 5/8-11 GNSS mounting thread.
- Aluminium extension pole.

## What's in the box

- RTK Vehicle mount with magnetic feet installed.
- 4 optional vacuum feet with RAM hardware.
- 100mm GNSS extension pole.
- RTK mount to GNSS cable.
- Emesent Fischer cable.
- 11m spanner for vacuum feet installation.
- 70cm stainless steel safety tether.
- For Leica and Trimble receivers: GNSS adaptor.

## Vehicle attachment methods

- 4 x 66mm rubberized magnetic feet
- 4 x 4.5" vacuum feet

### Optional:

- Included 70cm stainless steel tether.
- Vehicle Mount Tether Kit\*

## Size and weight

### Mount only:

- 3.1 kg [6.8lbs]

### Packaged (box):

- 300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1/8 in].
- 4.20 kg [9.3lbs]

## Hovermap compatibility

- Hovermap ST
- Hovermap ST-X

# Vehicle RTK

## Specifications sheet

Accessory compatibility	<ul style="list-style-type: none"> <li>• 360 colourisation and image extraction.</li> <li>• Hardcase for Vehicle RTK Kit.</li> <li>• Long range radio.</li> </ul>
GNSS compatibility	<ul style="list-style-type: none"> <li>• Trimble R10/R12/R12i/R980</li> <li>• Emlid Reach RS2/RS2+/RS3</li> <li>• Leica GS18/GS18T/GS18I</li> </ul>
Environmental	<ul style="list-style-type: none"> <li>• IP 53 certified</li> </ul>
Global georeferencing accuracy**	<p>Horizontal Accuracy (XY) up to:</p> <ul style="list-style-type: none"> <li>• 68% of points within 31mm</li> <li>• 95% of points within 51mm</li> <li>• 30mm RMSE</li> </ul> <p>Vertical Accuracy (Z) up to:</p> <ul style="list-style-type: none"> <li>• 68% of points within 18mm</li> <li>• 95% of points within 26mm</li> <li>• 16mm RMSE</li> </ul>
Power	<ul style="list-style-type: none"> <li>• V mount battery (14-24v DC in 75W max)</li> <li>• 98Wh battery - approx. 1.5 hours scanning time <ul style="list-style-type: none"> <li>• CoreSWX Nano Slim 98 (supplied with Hovermap ST/ST-X).</li> </ul> </li> <li>• Other V mount batteries with larger capacity can also be used.</li> </ul>

\* Vehicle Mount Tether Kit (SKU: E01-VEH-TETHER-KIT) available for purchase separately

\*\* Verified by independent surveyor with an Emlid Reach RS3 GNSS receiver against 75 quality control points established on a 2km stretch of road using a Leica TS13 Total Station and Leica LS15 Digital Level.