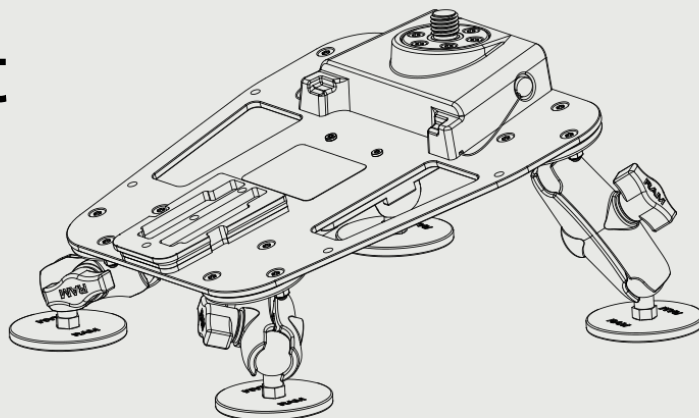


Vehicle RTK

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.

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]

Assembled with Hovermap ST, Emlid and battery:

- ~ 450L x 300W x 430H mm [17 3/4 x 11 4/5 x 17in].
- ~ 6.3 kg [13.9lbs].

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

Accessory compatibility

- 360 colourisation and image extraction.
- Hardcase for Vehicle RTK Kit.
- Long range radio.

Vehicle RTK

Specifications sheet

Environmental

- IP 53 certified
-

Accessory compatibility Global georeferencing accuracy**

Horizontal Accuracy (XY) up to:

- 1 Std Dev (68%) 0.014m
- 2 Std Dev (95%) 0.029m

Vertical Accuracy (Z) up to:

- 1 Std Dev (68%) 0.009m
 - 2 Std Dev (95%) 0.018m
-

Power

- V mount battery (14-24v DC in 75W max)
 - 98Wh battery - approx. 1.5 hours scanning time
 - CoreSWX Nano Slim 98 (supplied with Hovermap ST/ST-X).
 - Other V mount batteries with larger capacity can also be used.
-

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 Emlid cable.
 - Emesent Fischer cable.
 - 11m spanner for vacuum feet installation.
 - 70cm stainless steel safety tether.
-

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

** Verified by independent surveyor against 75 quality control points established on a 2km stretch of road using a Leica TS13 Total Station and Leica LS15 Digital Level.