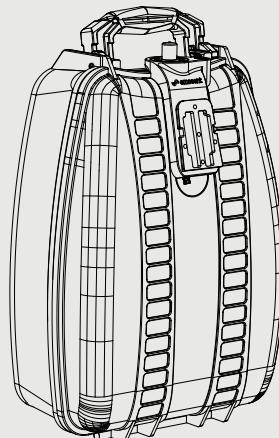


Backpack RTK Specifications sheet



Materials of construction

- Tough resin backpack and Hovermap mount
 - Stainless steel 5/8-11 GNSS mounting thread
 - Aluminium extension pole
 - PE Foam with hardwearing PC top
-

What's in the box

- Hardcase backpack with RTK GNSS mount
 - 100mm GNSS extension pole
 - RTK mount to Emlid cable
 - Emesent Fisher cable
-

Size and weight

Backpack Kit:

- 500L x 370W x 230H mm [19.5 x 14.5 x 9in]
- 4.0kg [8.8 lbs]

Backpack with ST, Emlid and Battery:

- 740L x 380W x 300H mm [29 x 15 x 12in]
- 7.0 kg [15.4 lbs]

Packaged Shipped (box):

- 550L x 380W x 270H mm [21.5 x 15 x 10.5 in]
 - 4.90 kg [10.8 lbs]
-

Hovermap compatibility

- Hovermap ST
 - Hovermap ST-X
-

Accessory compatibility

- 360 colourisation and image extraction
 - Long range radio
-

Environmental

- Designed to IP65

Backpack RTK Specifications sheet

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).
-

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