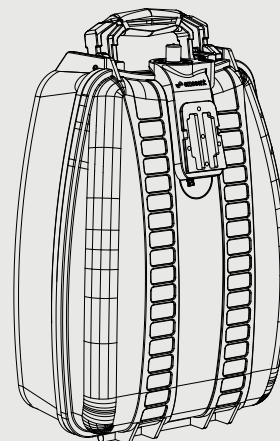


# Backpack RTK

## Specifications sheet



Materials of construction	<ul style="list-style-type: none"> <li>• Tough resin backpack and Hovermap mount</li> <li>• Stainless steel 5/8-11 GNSS mounting thread</li> <li>• Aluminium extension pole</li> <li>• PE Foam with hardwearing PC top</li> </ul>
What's in the box	<ul style="list-style-type: none"> <li>• Hardcase backpack with RTK GNSS mount</li> <li>• 100mm GNSS extension pole</li> <li>• RTK mount to Emlid cable</li> <li>• Emesent Fisher cable</li> </ul>
Size and weight	<p><b>Backpack Kit:</b></p> <ul style="list-style-type: none"> <li>• 500L x 370W x 230H mm [19.5 x 14.5 x 9in]</li> <li>• 4.0kg [8.8 lbs]</li> </ul> <p><b>Backpack with ST, Emlid and Battery:</b></p> <ul style="list-style-type: none"> <li>• 740L x 380W x 300H mm [29 x 15 x 12in]</li> <li>• 7.0 kg [15.4 lbs]</li> </ul> <p><b>Packaged Shipped (box):</b></p> <ul style="list-style-type: none"> <li>• 550L x 380W x 270H mm [21.5 x 15 x 10.5 in]</li> <li>• 4.90 kg [10.8 lbs]</li> </ul>
Hovermap compatibility	<ul style="list-style-type: none"> <li>• Hovermap ST</li> <li>• Hovermap ST-X</li> </ul>
Accessory compatibility	<ul style="list-style-type: none"> <li>• 360 colourisation and image extraction</li> <li>• Long range radio</li> </ul>
Environmental	<ul style="list-style-type: none"> <li>• Designed to IP65</li> </ul>

# Backpack RTK

## Specifications sheet

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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).
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\* 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.