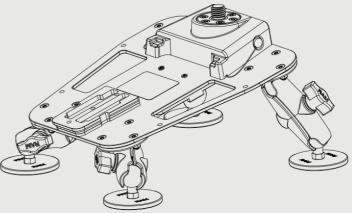
## 

## Vehicle RTK Specifications sheet



<ul> <li>4 optional vacuum feet with RAM hardware.</li> <li>100mm GNSS extension pole.</li> <li>RTK mount to GNSS cable.</li> <li>Emesent Fischer cable.</li> <li>11m spanner for vacuum feet installation.</li> <li>70cm stainless steel safety tether.</li> <li>For Leica and Trimble receivers: GNSS adaptor</li> </ul> Vehicle attachment methods <ul> <li>4 x 66mm rubberized magnetic feet</li> <li>4 x 4.5" vacuum feet</li> </ul> Optional: <ul> <li>Included 70cm stainless steel tether.</li> <li>Vehicle Mount Tether Kit*</li> </ul> Size and weight Mount only: <ul> <li>3.1 kg [6.8lbs]</li> </ul> Packaged (box): <ul> <li>300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1</li> </ul>		
• 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 installe         • 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 adapto         Vehicle attachment methods       • 4 x 66mm rubberized magnetic feet         • 4 x 4.5" vacuum feet <b>Optional:</b> • Included 70cm stainless steel tether.         • Vehicle Mount Tether Kit*         Size and weight         Mount only:         • 3.1 kg [6.8lbs] <b>Packaged (box):</b> • 300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1	Materials of construction	<ul> <li>Carbon fibre main plate.</li> </ul>
• 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 installe         • 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 adapto         Vehicle attachment methods       • 4 x 66mm rubberized magnetic feet         • 4 x 4.5" vacuum feet <b>Optional:</b> • Included 70cm stainless steel tether.         • Vehicle Mount Tether Kit*         Size and weight         Mount only:         • 31 kg [6.8lbs] <b>Packaged (box):</b> • 300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1		• High strength composite RAM® mounts.
<ul> <li>Stainless steel 5/8-11 GNSS mounting thread.</li> <li>Aluminium extension pole.</li> <li>What's in the box</li> <li>RTK Vehicle mount with magnetic feet installe</li> <li>4 optional vacuum feet with RAM hardware.</li> <li>100mm GNSS extension pole.</li> <li>RTK mount to GNSS cable.</li> <li>Emesent Fischer cable.</li> <li>11m spanner for vacuum feet installation.</li> <li>70cm stainless steel safety tether.</li> <li>For Leica and Trimble receivers: GNSS adapto</li> <li>Vehicle attachment methods</li> <li>4 x 66mm rubberized magnetic feet</li> <li>4 x 4.5" vacuum feet</li> <li>Optional:         <ul> <li>Included 70cm stainless steel tether.</li> <li>Vehicle Mount Tether Kit*</li> </ul> </li> <li>Size and weight</li> <li>Mount only:         <ul> <li>31 kg [6.8lbs]</li> <li>Packaged (box):</li> <li>300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1</li> </ul> </li> </ul>		• N35 grade magnetic RAM® Tough-Mag feet.
<ul> <li>Aluminium extension pole.</li> <li>RTK Vehicle mount with magnetic feet installe 4 optional vacuum feet with RAM hardware.</li> <li>100mm GNSS extension pole.</li> <li>RTK mount to GNSS cable.</li> <li>Emesent Fischer cable.</li> <li>11m spanner for vacuum feet installation.</li> <li>70cm stainless steel safety tether.</li> <li>For Leica and Trimble receivers: GNSS adapted</li> <li>Vehicle attachment methods</li> <li>4 x 66mm rubberized magnetic feet</li> <li>4 x 4.5" vacuum feet</li> <li>Optional:         <ul> <li>Included 70cm stainless steel tether.</li> <li>Vehicle Mount Tether Kit*</li> </ul> </li> <li>Size and weight</li> <li>Mount only:         <ul> <li>3.1 kg [6.8lbs]</li> <li>Packaged (box):</li> <li>300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1</li> </ul> </li> </ul>		<ul> <li>Tough polymer main electronics housing.</li> </ul>
What's in the box       • RTK Vehicle mount with magnetic feet installed         • 4 optional vacuum feet with RAM hardware.       • 100mm GNSS extension pole.         • 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 adapted         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]       • 3.1 kg [6.8lbs]         Packaged (box):       • 300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1		<ul> <li>Stainless steel 5/8-11 GNSS mounting thread.</li> </ul>
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<ul> <li>4 optional vacuum feet with RAM hardware.</li> <li>100mm GNSS extension pole.</li> <li>RTK mount to GNSS cable.</li> <li>Emesent Fischer cable.</li> <li>11m spanner for vacuum feet installation.</li> <li>70cm stainless steel safety tether.</li> <li>For Leica and Trimble receivers: GNSS adapted</li> </ul> Wehicle attachment methods <ul> <li>4 x 66mm rubberized magnetic feet</li> <li>4 x 4.5" vacuum feet</li> </ul> Optional: <ul> <li>Included 70cm stainless steel tether.</li> <li>Vehicle Mount Tether Kit*</li> </ul> Size and weight Mount only: <ul> <li>3.1 kg [6.8lbs]</li> </ul> Packaged (box): <ul> <li>300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1</li> </ul>	What's in the box	• RTK Vehicle mount with magnetic feet installed.
<ul> <li>100mm GNSS extension pole.</li> <li>RTK mount to GNSS cable.</li> <li>Emesent Fischer cable.</li> <li>11m spanner for vacuum feet installation.</li> <li>70cm stainless steel safety tether.</li> <li>For Leica and Trimble receivers: GNSS adapted</li> </ul> Vehicle attachment methods <ul> <li>4 x 66mm rubberized magnetic feet</li> <li>4 x 4.5" vacuum feet</li> </ul> Optional: <ul> <li>Included 70cm stainless steel tether.</li> <li>Vehicle Mount Tether Kit*</li> </ul> Size and weight Mount only: <ul> <li>3.1 kg [6.8lbs]</li> </ul> Packaged (box): <ul> <li>300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1</li> </ul>		
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<ul> <li>For Leica and Trimble receivers: GNSS adapted</li> <li>4 x 66mm rubberized magnetic feet</li> <li>4 x 4.5" vacuum feet</li> <li>Optional:         <ul> <li>Included 70cm stainless steel tether.</li> <li>Vehicle Mount Tether Kit*</li> </ul> </li> <li>Size and weight         <ul> <li>Mount only:                 <ul> <li>3.1 kg [6.8lbs]</li> </ul> </li> <li>Backaged (box):                     <ul> <li>300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1</li> <li>Included x 4 x 66mm rubberized magnetic feet</li> <li>4 x 4.5" vacuum feet</li> <li>Mount only:                           <ul></ul></li></ul></li></ul></li></ul>		• 11m spanner for vacuum feet installation.
Vehicle attachment methods       • 4 x 66mm rubberized magnetic feet         • 4 x 4.5" vacuum feet <b>Optional:</b> • 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		• 70cm stainless steel safety tether.
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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	Vehicle attachment methods	• 4 x 66mm rubberized magnetic feet
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Size and weight • 3.1 kg [6.8lbs] Packaged (box): • 300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1		<ul> <li>Included 70cm stainless steel tether.</li> </ul>
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• 300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1	Size and weight	Mount only:
• 300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1		• 3.1 kg [6.8lbs]
		-
• 4.20 kg [0.3kg]		• 300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1/8 in]
• 4.20 kg [9.3b5]		• 4.20 kg [9.3lbs]
Hovermap compatibility	Hovermap compatibility	<ul> <li>Hovermap ST</li> </ul>

• Hovermap ST-X

## 

## Vehicle RTK Specifications sheet

Accessory compatibility	<ul> <li>360 colourisation and image extraction.</li> <li>Hardcase for Vehicle RTK Kit.</li> <li>Long range radio.</li> </ul>
GNSS compatibility	Trimble R10/R12/R12i/R980
	Emlid Reach RS2/RS2+/RS3
	• Leica GS18/GS18T/GS18I
Environmental	• IP 53 certified
Global georeferencing accuracy**	Horizontal Accuracy (XY) up to:
	• 68% of points within 31mm
	<ul> <li>95% of points within 51mm</li> </ul>
	• 30mm RMSE
	Vertical Accuracy (Z) up to:
	• 68% of points within 18mm
	<ul> <li>95% of points within 26mm</li> </ul>
	• 16mm RMSE
Power	• V mount battery (14-24v DC in 75W max)
	<ul> <li>98Wh battery - approx. 1.5 hours scanning time</li> </ul>
	<ul> <li>CoreSWX Nano Slim 98 (supplied with Hovermap ST/ST-X).</li> </ul>
	<ul> <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.