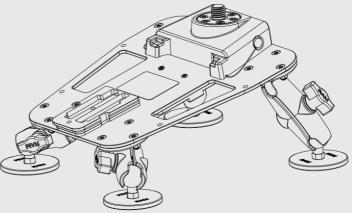


Vehicle RTK Specifications sheet



 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 		
• 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 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	Materials of construction	 Carbon fibre main plate.
• 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 Optional: • Included 70cm stainless steel tether. • Vehicle Mount Tether Kit* Size and weight Mount only: • 31 kg [6.8lbs] Packaged (box): • 300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1		• High strength composite RAM® mounts.
 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 Optional: Included 70cm stainless steel tether. Vehicle Mount Tether Kit* Size and weight Mount only: 31 kg [6.8lbs] Packaged (box): 300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1 		• N35 grade magnetic RAM® Tough-Mag feet.
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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		 Stainless steel 5/8-11 GNSS mounting thread.
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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		• 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		 Included 70cm stainless steel tether.
 3.1 kg [6.8lbs] Packaged (box): 300L x 320W x 210H mm [2 3/16 x 3 5/32 x 6 1 		 Vehicle Mount Tether Kit*
• 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	 Hovermap ST

• Hovermap ST-X

Vehicle RTK Specifications sheet

Accessory compatibility	 360 colourisation and image extraction. Hardcase for Vehicle RTK Kit. Long range radio.
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
	 95% of points within 51mm
	• 30mm RMSE
	Vertical Accuracy (Z) up to:
	• 68% of points within 18mm
	 95% of points within 26mm
	• 16mm RMSE
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.

* 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.