


DEN NATIONALE UDSTYRSBANK

MARS NR.		
MARS-24		
BETEGNELSE		
Emlid Reach RS3		
SPECIFIKATIONER		
Precision	Static	H: 4 mm + 0.5 ppm V: 8 mm + 1 ppm
	PPK	H: 5 mm + 0.5 ppm V: 10 mm + 1 ppm
	RTK	H: 7 mm + 1 ppm V: 14 mm + 1 ppm
Convergence time	~5 s typically	
Tilt compensation	RTK + 2 mm + 0.3 mm/°	
Signals	GPS/QZSS L1C/A, L2C, GLONASS L1OF, L2OF, BeiDou B1I, B2I, Galileo E1-B/C, E5b	
Number of channels	184	
Update rate	Up to 10Hz	
IMU	6DOF	
ANVENDELSE		
<p>The Reach RS3 is a robust surveying device offering sub-20mm precision, fast centimeter-level accuracy acquisition, and compatibility with various satellite systems. It boasts an industrial-grade battery, enduring 18 hours of work with tilt compensation and supports extended operations with a power bank. This versatile device records data in RINEX format for post-processing and can utilize NTRIP corrections via a SIM card. Its durable construction, featuring a polycarbonate body with elastomer coating, makes it impact-resistant, dustproof, and waterproof, suitable for challenging conditions within a wide temperature range.</p>		
BILLEDE		
		

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