

ImpulseRadar RQT800

ANTENNA	DESCRIPTION
Technology	ImpulseRadar real-time sampling
Antenna type	RQT single channel
Centre frequency	800 MHz
Signal to noise ratio (SNR)	>96 dB
Significant/useful number of bits	>16 bit
Scans/second	>800
Survey speed	> 130 km/h @ 5 cm point interval
Time window	>400 ns
Bandwidth	>120%, fractional, -10 dB
Acquisition mode	Wheel, time or manual
Positioning	Wheel encoder, internal DGPS, external GPS (NMEA 0183 protocol)
Power supply	12 V Li-Ion rechargeable battery
Power consumption	1.0 A
Operating time	>8 hours
Dimensions	280 x 255 x 200 mm (including handles)
Weight	3.5 kg (including internal battery)
Operating temperature	-20° to +50°C
Environmental	IP65
Regulatory certification	Approvals pending for CE, FCC, and IC
ODOMETER WHEEL	
Diameter	∅ 150 mm
Weight	0.4 kg
USER INTERFACE	
Display	720 x 1280 pixel or better
Operating system	Android™ >ver. 6 (Marshmallow) or later
Memory	2.7 GB SDRAM or better
Processor	Intel Atom x5-Z8550, Quad-core 2.3 GHz Krait 400 or better
Recommendation	<i>Samsung Galaxy Tab Active Pro (or equivalent)</i>

ImpulseRadar products are under continuous development and we reserve the right to change specifications at any time and without prior notice. You may verify product specifications at any time by contacting our headquarters using the details listed below.