

ImpulseRadar PinPointR

ANTENNA	
Technology	ImpulseRadar real-time sampling
Antenna type	PinPointR dual-channel
Centre frequency	CH-1: 400 MHz (LF) / CH-2: 800 MHz (HF)
Channel activation	CH-1 & CH-2 (LF & HF)
Signal to noise ratio (SNR)	>100 dB
Significant/useful number of bits	>16 bit
Scans/second	>800
Survey speed	> 130 km/h @ 5 cm point interval
Time window	388 ns (LF) / 194 ns (HF)
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, or ext. 12 V DC source(optional)
Power consumption	1.3 A
Operating time	7 hours
Dimensions	444 x 355 x 194 mm
Weight	6.35 kg (including battery)
Operating temperature	-20° to +50°C
Environmental	IP65
Regulatory certification	CE, FCC & IC approved
CART	
Dimensions (folded for transport)	870 x 540 x 370 mm
Dimensions (when in use)	1010 x 540 x 1030 mm
Wheels	4 x Ø315 mm
Weight	12.8 kg (Cart only) ¹ , 20 kg (Cart, Antenna & display) ²
USER INTERFACE	
Display	720 x 1280 pixel or better
Operating system	Android™ (>ver. 5 Lollipop) or later
Memory	2.7 GB SDRAM or better
Processor	Intel Atom x5-Z8550, Quad-core 2.3 GHz Krait 400 or better
Recommendation	Panasonic Toughpad FZ-A2 (or equivalent)

¹ Cart, skid plate and display holder

² Cart, skid plate, antenna, display holder* and display (* 10" as per recommended Panasonic Toughpad FZ-A2)

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.