



Proingeo s.a.  
TOPOGRAFIA  
GEOFISICA

## GEORADAR PinPointR





## PinPointR

GPR UNIT	
Technology	ImpulseRadar real-time sampling
Antenna type	PinPointR dual-channel
Centre frequency	CH-1: 400 MHz / CH-2: 800 MHz
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	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, or ext. 12 V DC source
Power consumption	1.26 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, and 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 (Push-cart only) <sup>1</sup> , 20 kg (Push-cart, GPR unit & Device) <sup>2</sup>
USER INTERFACE	
Display	720 x 1280 pixel or better
Operating system	Android™ >ver. 6.0 (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>