

## ImpulseRadar PLT600

ANTENNA	
<b>Technology</b>	ImpulseRadar real-time sampling
<b>Antenna type</b>	PLT single channel
<b>Centre frequency</b>	600 MHz
<b>Signal to noise ratio (SNR)</b>	> 96 dB
<b>Significant/useful number of bits</b>	> 16 bits
<b>Scans/second</b>	> 800
<b>Survey speed</b>	> 130 km/h @ 5 cm point interval
<b>Time window</b>	> 400 ns
<b>Bandwidth</b>	>120% (fractional, -10 dB)
<b>Acquisition mode</b>	Wheel, time or manual
<b>Positioning</b>	Wheel encoder (both models); internal DGPS, and support for external GPS and total station (Ice Edition only, via Bluetooth only—no serial connection supported).
<b>Data time-tagging</b>	To 1ms of \GPS-time
<b>Power supply</b>	12 V Li-Ion rechargeable battery, or ext. 12 V DC source
<b>Power consumption</b>	1.0 A
<b>Operating time</b>	> 8 hours
<b>Dimensions</b>	280 x 255 x 200 mm (including handles)
<b>Weight</b>	3.7 kg (incl. internal battery)
<b>Operating temperature</b>	-20° to +50°C
<b>Environmental</b>	IP65
<b>Regulatory certification</b>	FCC, IC and CE
USER INTERFACE	
<b>Display</b>	720 x 1280 pixel or better
<b>Operating system</b>	Android™ (>ver. 10) or later
<b>Processor</b>	Intel Atom x5-Z8550, Quad core 2.3 GHz Krait 400 or better

<b>Memory</b>	2.7 GB SDRAM or better
<b>Recommendation</b>	Samsung Galaxy Tab Active Pro, or equivalent
<b>ODOMETER WHEEL</b>	
<b>Diameter</b>	Φ 150 mm
<b>Weight</b>	0.4 kg

*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.*