

# ImpulseRadar PLT600

ANTENNA	DESCRIPTION
<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 bit
<b>Scans/second</b>	>800
<b>Survey speed</b>	> 130 km/h @ 5 cm point interval
<b>Time window</b>	>400ns
<b>Bandwidth</b>	>120%, fractional, -10 dB
<b>Acquisition mode</b>	Wheel, time or manual
<b>Positioning</b>	Wheel encoder, internal DGPS, external GPS (NMEA 0183 protocol)
<b>Power supply</b>	12 V Li-Ion rechargeable battery
<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>	3.5 kg (including internal battery)
<b>Operating temperature</b>	-20° to +50°C
<b>Environmental</b>	IP65
<b>Regulatory certification</b>	Approvals pending for CE, FCC, and IC
ODOMETER WHEEL	
<b>Diameter</b>	∅ 150 mm
<b>Weight</b>	0.4 kg
USER INTERFACE	
<b>Display</b>	720 x 1280 pixel or better
<b>Operating system</b>	Android™ >ver. 6 (Marshmallow) or later
<b>Memory</b>	2.7 GB SDRAM or better
<b>Processor</b>	Intel Atom x5-Z8550, Quad-core 2.3 GHz Krait 400 or better
<b>Recommendation</b>	<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.