

ImpulseRadar CrossOver CO4080

ANTENNA		DUAL-CHANNEL	SINGLE-CHANNEL
Technology	ImpulseRadar real-time sampling		
Antenna type	CrossOver dual-channel		
Centre frequency	CH-1: 400 MHz (LF) / CH-2: 800 MHz (HF)		
Channel activation	CH-1 & CH-2 (LF & HF)	CH-1 (LF) or CH-2 (HF) only	
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	1.0 A	
Operating time	7 hours	9 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		
CART			
Dimensions (folded for transport)	870 x 540 x 370 mm		
Dimensions (when in use)	1010 x 540 x 1030 mm		
Wheels	4 x Ø315mm		
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. 10) 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.