



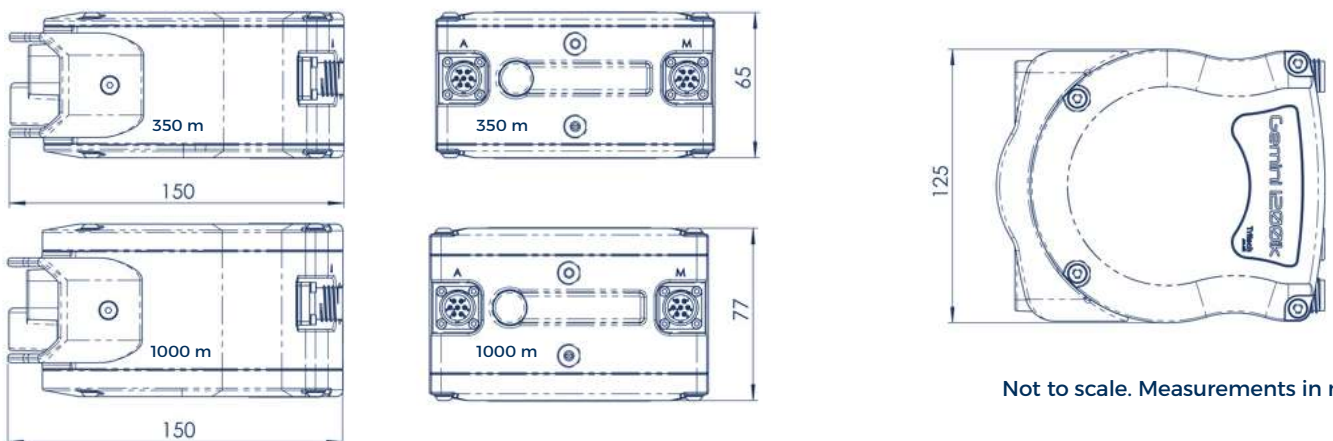
Acoustic specifications	Low frequency mode	High frequency mode
Operating frequency	720 kHz	1200 kHz
Angular resolution	1.0° acoustic, 0.25° effective	0.6° acoustic, 0.12° effective
Range	0.1 m - 120 m / 4 in - 394 ft	0.1 m - 50 m / 4 in - 164 ft
Number of beams	512	1024
Horizontal beam width	120°	120°
Vertical beam width	20°	12°
Range resolution	4 mm / 0.2 in	2.4 mm / 0.1 in
Update rate	5 - 65 Hz (mode and range dependent)	
Mode of operation	CHIRP and CW	
Speed of sound	Integrated Velocity of Sound sensor for accuracy	

Interface	
Supply voltage	19 V to 74 V DC
Power requirement	9.5 W - 27 W (range dependent)
Main port protocol	Ethernet
Auxiliary port protocol	RS232, TTL in, pass-through power (2.5 A max)
Connector type	Impulse MKS(W)-307-FCR

Physical specification	
Depth rating	350 m or 1000 m / 1148 ft or 3280.84 ft
Weight in air	1.46 kg or 2.03 kg / 3.22 lbs or 4.47 lbs
Weight in water	0.44 kg or 0.92 kg / 0.97 lbs or 2.03 lbs
Temperature rating (operating)	-10 °C to 35 °C / 14 °F to 95 °F
Temperature rating (storage)	-20 °C to 50 °C / 4 °F to 122 °F

Software requirements	Minimum	Recommended
Included	Genesis	
Processor	2 GHz	3 GHz Quad Core
Graphics	3D hardware accelerated graphics card	
SDK	Available on request	
Operating system	Microsoft Windows 7, 10	

Specification subject to change in line with Trittech's policy of continual product development



Not to scale. Measurements in mm.