

RIS MF Hi-Mod	
TECHNICAL SPECIFICATIONS	
Data Logger	Panasonic CF-19 (or alternatively any Windows PC with an Ethernet LAN interface)
Radar Acquisition Unit	IDS DAD Fast Wave, with RIS K2 acquisition software
Max Number of Channels	Up to 8
Antenna Frequencies	200 and 600 MHz
Positioning	Metric wheel and/or GPS interface
Collection Speed (up to 8 profiles simultaneously)	4 m/sec in full configuration (8 channels)
Battery Life	> 8 h
Weight	58 kg in full configuration
Surface Footprint	200 cm x 60 cm (full configuration)
Survey Path Width	Up to 8 radar scans, 52 cm each
Wireless Connection	Available
Environment	IP65
SOFTWARE SPECIFICATIONS	
Processing Software	<p>GRED 3D Utilities including:</p> <ul style="list-style-type: none"> <li>Automatic target detection</li> <li>Automatic data processing</li> <li>Automatic propagation velocity estimation</li> <li>2D/3D representation</li> <li>Data fusion for different frequencies and directions</li> <li>Irregular volume representation</li> <li>Iso-surface Map</li> </ul>
Output Data	Excel, ASCII, HDF5, jpg, bmp