

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
TECHNICAL SPECIFICATIONS	
Processing Software	Automatic calibration for an easy and quick start-up GRED 3D Utilities including: Automatic target detection Automatic data processing Automatic propagation velocity estimation 2D/3D representation Data fusion for different frequencies and directions Irregular volume representation Iso-surface Map
Output Data	Excel, ASCII, HDF5, jpg, bmp