RIS One & RIS Plus	
TECHNICAL SPECIFICATIONS	
PRF (Pulse Repetition Frequency)	Up to 400 kHz
No. of Simultaneously Acquired Channels	2
A/D Clock	400 kHz
Bits per Sample	16 bit
Max. Number of Driven Antennas	RIS One: 1 including dual frequency RIS Plus: 8 or 4 dual frequency
Max. Range	9999nsec.
Max. Number of Samples/Scan	8192
Stacking (Automatic or User Selected)	32768
Connection to Data Logger	Ethernet LAN or Wireless (WiFi IEEE 502.11b)
Power Supply and Consumption	12 V, > 10 W average
SOFTWARE SPECIFICATIONS	
Processing Software	3D view (B-scan and C-scan) Automatic generation of Cross B-scan GPS positioning and CAM view Layers analysis and core insertion Automatic and Manual data processing Data fusion for different frequencies and directions Is-surface map Graphic comments and parameters Propagation velocity estimation Wiggled mode view Power trace analysis
Output Data	Excel, ASCII, HDF5, jpg, bmp