

IDS GEORADAR IBIS FB

IBIS-FB	
TECHNICAL SPECIFICATIONS	
Velocity Accuracy ⁽¹⁾	0.5 mm/s (Line of Sight velocity)
Operating range	Up to 1000 m
Range resolution	1 m
Power Supply	110/220Vac or 12Vdc (Battery)
Battery autonomy	4 hours
Power Consumption	50W
Weight	32 kg (including battery and tripod)
Operating Temperature	-20°C to +55°C
Environment	IP65
Certifications	CE, FCC, IC
SOFTWARE SPECIFICATIONS	
IBIS Surveyor: Acquisition and System Management Software	Acquisition configuration and management Status information Real Time data processing
IBIS-FB Viewer: Data Processing and Interpretation	External DMT import Data processing Data Analysis and interpretation Data Export to third party software
RADIO-EQUIPMENT SPECIFICATIONS	
Radio-frequency band	17.1-17.3 GHz
EIRP Power	26 dBm
Modulation	Linear Frequency Modulated Continuous Wave (LFMCW)

(1) Typical instrumental accuracy obtained with the standard configuration (2 m range resolution, 100 Hz sampling rate, 700 m maximum range) and assuming a reference target providing a Signal to Noise Ratio (SNR) better than 20dB.