



ADVANCED PRODUCT SPECIFICATIONS



System Information	
Unit Type	Self-contained all-in-one GPR system
Measuring Type	Ground Penetrating Radar (Electromagnetic)
GPR Technology	Stepped Frequency Continuous Wave
Antenna Center Frequency	2.5 GHz
Max Depth Range (in ideal conditions)	0-75 cm (0-30 in)
Battery Life	3 hours
Scan Interval	4 scans/cm (10 scans/in)
Dielectric Range	2 to 20
Operational Modes	A-scan, Linescan (B-scan), 2-Channel Comparison View, 3 Dimensional Imaging with Flex Mode and Flex Grid
Accessory Antennas	Wired (Flex Tether Module) + Wireless: NX25 (2.5 GHz), NX15 (1.5 GHz)
Data Format	2D Files: .dzt; Flex Grid: .dzt, .dzx, .bzx; GSSI Fusion: .fsn
Onboard File Storage	200 GB
Interfaces	USB, Wi-Fi Connectivity, NFC Connectivity
Supported Languages	English, Spanish, Japanese, Korean, Chinese, French, German, Italian
Subscription Required for Operation	No
CE mark Regulatory Compliance	Yes
Warranty	2 years Limited Warranty
Hardware Features	
Dual integrated antennas: one normal, one cross polarized Lasers for precision marking Ergonomic repositionable and removable handle Integrated 7" high resolution touch screen Telescoping pole compatibility	
Software Features	
Wireless data viewing with 2D remote control Wireless connectivity can be disabled for secure facility use USB and Wireless project export 3D collection with Flex Mode and Flex Grid Fusion Reporting Software export (.fsn) Software update via USB Free software updates	
Advanced Features	
Automatic Gain with region adjustment Set Depth and Hyperbola Matching Depth Calibration One-pass Cross Pol scanning	
Environmental	
Operating Temperature	-20°C to +50°C (-4°F to +122°F)
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
IP Rating	IP65
Dimensions	25.3 x 13.2 x 18.9 cm (9.9 in x 5.2 x 7.4 in)
Weight	2.2 kg (4.9 lbs) excluding battery

Geophysical Survey Systems, Inc.

40 Simon Street • Nashua, NH 03060-3075 USA • www.geophysical.com

