COMPASS NX®

CONFIDENCE IN MINUTES
Easy to mobilize and simple to use without compromising on exceptional performance and data quality, Compass NX reduces complexity, and boosts users confidence and efficiency.

SEE WHAT OTHERS MISS
From shallow non-metallic utilities to deeply buried infrastructure, Compass NX delivers the clarity and confidence needed to make accurate real-time decisions.

READY FOR ANY JOBSITE
Built to work wherever the job takes you, Compass NX combines rugged durability, lightweight mobility, and rapid deployment into one versatile system.

FROM DATA TO DECISION
Capture, map, document, and share utility data without disrupting your workflow, reducing time in the field and effort in the office.

STOP COMPROMISING.

Most utility locating systems force a compromise:
Performance for simplicity, flexibility for reliability, or capability for affordability.

Compass NX eliminates the trade-offs by delivering outstanding visibility for every target with easy-to-use software and powerful features that anyone can master. Use any modern mobile device, in any environment, and accommodate any workflow. Compass NX and the NX Control app make it all possible.

Powered by **NEXUS®,** GSSI's innovation platform, Compass NX evolves with feature updates and improvements to grow with your needs and industry demands.

COMPASS NX®

ADVANCED PRODUCT SPECIFICATIONS

Cart	
Cart Model	Model 661 with floating sled
Sled Clearance	0-5.7 cm (0-2.25 in)
Encoder Technology	Solid-state magnetic; located in rear right wheel
Cart Brake	Foot- or hand-activated
Handle Design	Collapsible; lockable while folded and in-use
GPS Mount	5/8" thread; GPS Pole accessory purchased separately
Controller Mount	Removable RAM standard mount (part#: RAM-HOL-TAB20U) for 9-10.5 in. tablets with rugged cases. See RAM website for details.
Dimensions	Collapsed and no tablet mount: L74 x W57.5 x H39 cm (29.1 x 22.6 x 15.4 in)
Weight	17.6 kg (38.8 lbs) with sled and RAM Mount

Antenna	
Antenna Model	NX04/10
Number of Channels	2 channels - 400 MHz low frequency / 1 GHz high frequency
Available Ports	Survey wheel (4-pin), GPS (9-pin serial), 2 accessory ports, 1 USB
Connectivity	Wireless via local Wi-Fi access point
Data Acquisition	NX Control app available via Apple App and Google Play stores
Data Storage	Local storage on connected mobile device via NX Control App only
Time Range (ns)	200 (LF) / 100 (HF)
Scan Interval	50 scans/meter (15.24 scans/ft)
Samples per Scan	1024 samples
Max Depth	22ft (6.7m) HF, and 44ft (13.4m) LF in ideal soil conditions
Operating Modes	Survey wheel (distance triggered)
GPS	Serial port on antenna; Bluetooth to mobile device; Mobile device internal GPS
Environmental Rating	IP65 (fully sealed against dust and low-pressure omnidirectional water)
Operating Temperature	-20°C to 55°C external (-4°F to 131°F)
Battery	Inspired Energy ND4054HD50, 5+ hour per battery in ideal conditions
CE Mark Regulatory Compliance	Yes
Dimensions	With handles: L48.5 x W44.7 x H22.5 cm (19.1 x 17.6 x 8.9 in) Without handles: L48.5 x W41.5 x H19 cm (19.1 x 16.3 x 7.5 in)
Weight	With battery: 6.9 kg (15.2 lbs) Without battery: 6.5 kg (14.4 lbs)

Software	
App & Device Requirement	NX Control app compatible with modern iOS or Android mobile devices. NX Control app available via Apple App and Google Play stores.
Controller Options	No controller included unless supplied by distributor.
Display Modes	Linescan (Ch1; Ch2; split view) plus O-Scope, Map view
Storage Capacity	Connected device dependent
Post-Processing Support	Geolitix only
Output Data Format	.nx, .fsn, .kml
Standard Real-Time Filters	Toggleable Background Removal with intensity slider
Advanced Real-Time Filters	Coarse and Fine Detail frequency filters with Boost
Languages	English, Spanish, Japanese, Korean, Chinese, French, Italian, German
Subscription Required	No

Warranty	
Warranty	2-Year Limited Warranty

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