

GEORANGER™ XR SERIES



GROUND PENETRATING RADAR

With minimal setup and major performance-improving innovations, the GeoRanger XR and XR2 bring pinpoint accuracy and out-of-the-box ease to your locating, making this series of machine one of the most nonintrusive methods to scan for buried obstacles or utilities.



FEATURES & BENEFITS

Dual-Frequency Antennas - The XR Series features dual-frequency antennas that improve the ability to detect nonmetallic and metallic utilities or obstacles.

Magnetic Field Sensor - The magnetic field sensor's ability to sweep for power and differentiate energized lines from other objects allows for more reliable locating.

Durable Design - Made from a composite of plastic and fiberglass, the XR Series cart brings the durability needed to reliably work across a variety of tough environments.

RTK Capabilities - XR2 is built with RTK technology that is compatible with major correction services*, bringing centimeter-level accuracy to your job.

ESSentialUnderground Software* - XR2 is compatible with Earth Science Systems' ESSentialUnderground software that allows you to match your software view to your needs, easily switching between Project View, Surface View, Section View, Depth View, and 2D/3D View.

ESS Cloud Capabilities* - XR2 features built-in cloud capabilities that help you easily access equipment registration, instructional videos, software updates, RTK and cellular subscription information, and more.

GEORANGER™

XR AND XR2

CART	U.S.	METRIC
Bi-static radar antenna	350 - 750 MHz	
Typical operation on a single charge	12 hours	
GPS integrated (XR2 only)	1-2ft accuracy (1.1 inches w/RTK)	30-60cm accuracy (3cm w/RTK)
IP65		

DIMENSIONS		
With cart stowed	34 x 24.5 x 16 in (L x W x H)	66 x 77.5 x 30.5 cm (L x W x H)
With shipping box	39.5 x 31 x 20.5 in (L x W x H)	100 x 79 x 54 cm (L x W x H)

WEIGHT		
With cart stowed	66.8 lb	30.3 kg

TABLET		
Tablet PC battery life	up to 8 hours	
Rugged tablet	Windows™ 11	
Rugged tablet display	Touch screen	
Rugged tablet display screen	11.6 in diagonal	29.46 cm diagonal
Rugged tablet display brightness	1,000 nits	
Rugged tablet storage	512GB	
Rugged tablet mobile broadband	4G LTE	
Tablet with charger and mount weight	6.4 lb	2.9 kg

*Languages supported: Dutch, English, Estonian, Finnish, French, German, Italian, Portuguese, Spanish.
Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.
Subscription required via subsite.esscloud.net

