

UTILIGUARD 2

UTILITY LOCATING SYSTEM SERIES



RTK			CLASSIC, STANDARD AND ADVANCED	
DIMENSIONS	U.S.	METRIC	U.S.	METRIC
Height, max	27.7 in	703 mm	27.2 in	691 mm
Length, max	14.2 in	361 mm	12.8 in	325 mm
Width, max	4.8 in	122 mm	4.8 in	122 mm
Operating weight, max	5.1 lb	2.3 kg	4.8 lb	2.2 kg
FEATURES				
Language support	19* user selectable languages		19* user selectable languages	
Bluetooth® GPS connectivity	Bluetooth 5.0 supporting BR, EDR 2/3 Mbps, eSCO, Bluetooth LE, and LE 2 Mbps.		Bluetooth 5.0 supporting BR, EDR 2/3 Mbps, eSCO, Bluetooth LE, and LE 2 Mbps.	
GNSS Coordinate System	WGS-84 (4326)		WGS-84 (4326)	
Cold	24 seconds		45 seconds	
Aided	4 seconds		7 seconds	
Hot	2 seconds		1 second	
BATTERY				
Batteries	2 D-Cell (LR20) or commercially available NiMH		2 D-Cell (LR20) or commercially available NiMH	

Battery Life 8 hrs continuous / 16 hrs intermittent

Class/Std - 30 hrs continuous / 60 hrs intermittent
ADV - 20 hrs continuous / 40 hrs intermittent

TRANSMITTERS		
DIMENSIONS	U.S.	METRIC
Height, max	10 in	254 mm
Length, max	12 in	305 mm
Width, max	7.8 in	198 mm
Operating weight, max	7.7 lb	3.5 kg
PERFORMANCE		
Frequency Range	256 Hz - 200 kHz	
Power Options	5 or 12 Watt	
Current, Max	500 mA	
Voltage, Max	65v rms	
BATTERY		
Batteries	2 D-Cell (LR20) or commercially available NiMH	
Battery Life	8 hrs continuous / 16 hrs intermittent	

*Languages supported: Chinese, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Italian, Korean, Latvian, Lithuanian, Polish, Portuguese, Russian, Spanish, Swedish.
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.
Frequency availability may differ by country.
Due to country restrictions some features may be limited or unavailable.



UTILIGUARD[®] 2

UTILITY LOCATING SYSTEM



CLASSIC

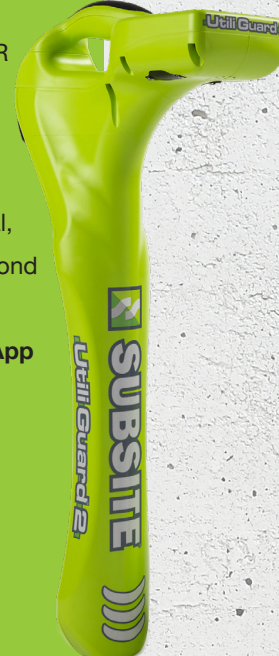
- **Custom Frequencies**
Up to 100 custom frequencies from 256 Hz-83 kHz
- **High-Contrast Graphical LCD**
- **Direction Enabled**
Any frequency from 256 Hz to 10 kHz
- **Fault-Finding, DE-Based**
263 Hz and 526 Hz
- **Power and Cathodic Protection Frequencies**
50 Hz, 60 Hz, 100 Hz, 120 Hz, 150 Hz, 180 Hz, 300 Hz, 540 Hz
- **Language Support**
19 user languages
- **PC-Based Configuration**
Software Updates and configuration can be done by user



STANDARD

ALL CLASSIC FEATURES PLUS:

- **Bluetooth® GPS Connectivity**
Bluetooth 5.0 supporting BR, EDR 2/3 Mbps, eSCO, Bluetooth LE and LE 2 megabytes per second
- **2.1 Bluetooth 4.0 (LE) GPS**
Start time: Cold 45 second typical, aided 7 second typical, hot 1 second typical
- **Compatible with MyUtiliGuard™ App (iOS/Android)**
- **Data Storage Capacity**
- **Compressed 60 Weeks Average**



ADVANCED

ALL CLASSIC & STANDARD FEATURES PLUS:

- **AIM®-Enabled**
Measures interference and recommends best frequency
- **Dual Output Transmitter**
Connects to two utilities at once, reducing time required to locate services
- **Offset Depth Feature**
Measures horizontal and vertical distance to the line
- **Receiver / Transmitter Communications**
RX/TX communications allows remote control of transmitter frequency, power level and more
- **Multi-Frequency Fault Finding**



RTK

ALL OTHER FEATURES PLUS:

- **Centimeter-Level Accuracy**
Real-time kinematics up to centimeter-level
- **High-Accuracy Mapping Positional Accuracy**
Compatibility with major RTK Correction Service and High Accuracy Mapping subscriptions for reliable results
- **High-Grade Antenna**
- **Subsite UtiliView™ App**
Direct mapping into your Esri® ArcGIS® layer (iOS / Android)



Upgrade Your Awareness.

More information means a better understanding of your performance, accuracy and operations. That's why the Subsite® UtiliGuard 2 adds integrated data capture, GPS positioning and a more intuitive user interface to the original UtiliGuard's impressive list of performance-boosting features. With UtiliGuard 2, you'll get information you can use to prove or track performance, compare with benchmarks and provide actionable outcomes to help increase quality, reduce cable strikes and increase productivity across multiple crews.

Specifications/Features	UtiliGuard 2 Classic	UtiliGuard 2 Standard	UtiliGuard 2 Advanced	UtiliGuard 2 RTK
Number of Frequencies	70+	70+	70+	70+
UtiliGuard 2 Interface	✓	✓	✓	✓
Classic Interface	✓	✓	✓	✓
Compass	✓	✓	✓	✓
Frequencies/settings configurable	✓	✓	✓	✓
Total Field Antenna	✓	✓	✓	✓
Direction Enabled	✓	✓	✓	✓
Receiver accessories compatibility	✓	✓	✓	✓
Integrated GPS	✗	✓	✓	✓
External GPS connectivity	✗	✓	✓	✓
Logging GPS data on receiver	✗	✓ (1 million log points)	✓ (1 million log points)	✓ (1 million log points)
Compatible with MyUtiliGuard™ App	✗	✓	✓	✓
Compatible with external mapping software	✗	✓	✓	✓
Compatible with Utiliview App	✗	✗	✗	✓
AIM® (ambient interference measurement)	✗	✗	✓	✓
Offset Depth Measurement	✗	✗	✓	✓
RX/TX Communication and Range	✗	✗	✓	✓

