

UTILIGUARD 2

UTILITY LOCATING SYSTEM SERIES



DIMENSIONS (RECEIVER)	RTK		CLASSIC, STANDARD, AND ADVANCED	
	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
DIMENSIONS (TRANSMITTER)				
Height, max	10 in	254 mm	10 in	254 mm
Length, max	12 in	305 mm	12 in	305 mm
Width, max	7.8 in	198 mm	7.8 in	198 mm
Operating weight, max	7.7 lb	3.5 kg	7.7 lb	3.5 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.	
GPS start time, typical			GPS on Standard and Advanced only	
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	

*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.



UTILIGUARD® 2

UTILITY LOCATING SYSTEM



More information means a better understanding of your performance, accuracy and operations.

Upgrade Your Awareness.

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.

CLASSIC

- **Custom frequencies**
 - Up to 100 custom frequencies from 256 Hz-83 kHz
- **High contrast graphical LCD**
- **DE Direction enabled**
 - Any frequency from 256 Hz-10 kHz
- **Fault-finding, DE based (optional)**
 - 263 Hz and 526 Hz
- **Power and cathodic protection frequencies**
 - 50 Hz, 60 Hz, 100 Hz, 120 Hz, 150 Hz, 180 Hz
- **Language Support**
 - 19 user selectable 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 Mbps.
 - **2.1 Bluetooth 4.0 (LE) GPS**
 - Start time: Cold 45 second typical, aided 7 second typical, hot 1 second typical
 - **Real-Time Data Transfer**
 - **Compatible with UtiliGuard real-time Data Transfer App (IOS/Android)**
 - **Date Storage Capacity**
 - 1 million records (continuous 10 weeks average, compressed 60 weeks average)*



ADVANCED

- ALL CLASSIC & STANDARD FEATURES PLUS:**
- **AIM®-enabled**
 - Measures interference and recommends best frequency
 - **Transmitter connects to two utilities at once, reducing time required to locate multiple 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 (Summer 2024)**



RTK

- ALL OTHER FEATURES PLUS:**
- **Real-time kinematics for up to centimeter-level positional accuracy**
 - **Compatibility with major RTK Correction Service and High Accuracy Mapping subscriptions for reliable results**
 - **High grade antenna**
 - **Subsite realtime mapping app (IOS/Android, Summer 2024)**
 - **Dead Reckoning (Summer 2024)**



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	✗	✓	✓	✓
AIM® (ambient interference measurement)	✗	✗	✓	✓
Offset Depth Measurement	✗	✗	✓	✓
RX/TX Communication and Range	✗	✗	✓	✓

