

vLocate® RTK Mapper



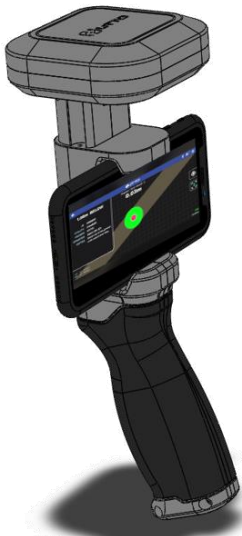
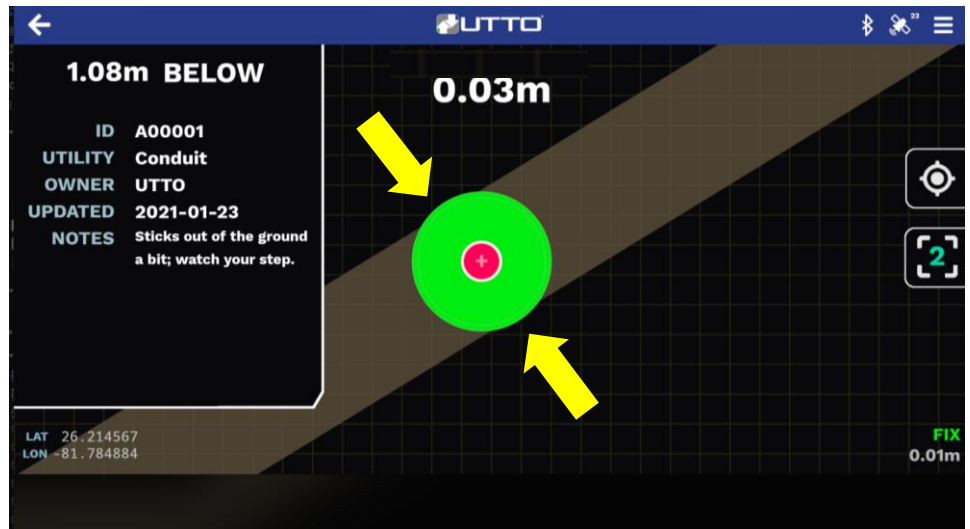
Map & Relocate Buried Assets

Simple – Fast – Centimeter Accuracy – Guidance to Facilities



UTTO's vLocate® technology in a compact and tough handheld device

- Designed specifically for the Utility Industry
- No long learning curve, GIS classes or hand holding required
- Leverage your investments and awaken your existing GIS data sets
- Map your assets during construction or locate and mark operations
- Reduce damages, improve safety and productivity



Import & load your existing GIS datasets or create new

Manual or automatic RTK network selection

Built in safeguards against low accuracy mapping or locating

UTTO's advanced Cloud provides interoperable APIs with GIS integrations simplified & quality assurance

Support for common data standards (GeoJSON, GML, KML, Shapefile etc.)

Patent Pending

GNSS & Receiver Specifications

Satellite Networks GPS (L1,L2,L5)
Glonass/ Galileo/ BeiDou

Horizontal Accuracy* RTK mode 0.025m (1")
+1ppm CEP

Sensitivity 167dBm

Coordinate system WGS 84

Time to First Fix Cold start < 40 s
Warm start < 20 s

RTK correction service Via UTTO mobile app

* Depends on sky view, RTK baseline distance, atmospheric and multipath conditions

Certifications and Approvals

Type approvals Europe (ETSI RED)
US (FCC/CFR 47 part 15)
Australia (ACMA)
New Zealand
Brazil (Anatel)
Canada (IC RSS)
Japan (MIC)
South Africa (ICASA)
South Korea (KCC)
Taiwan (NCC)
China (SRRC)

Health & Safety EN 62479, EN 62368-1

Communications

Bluetooth v5.0 Low Energy

Firmware Updates Over the air from UTTO
Cloud via mobile app

Power Supply

Battery Rechargeable Lithium Ion

Operation time 12 hours typical @ 25C

Charge time 1 hour typical via USB-A port (0.5A typical)

Can operate while charging on external pack

Physical/Environmental

Weight 1.6lbs / 0.73kg

Dimensions 11" x 3.5" (28cm x 9cm)

Operating Temperature -4° F to +133° F
-20° C to +55° C

Ingress Protection IP65

Shock Resistance 1m drop onto solid surface

Accessories

- USB-A charging cable
- Soft bag & carry strap

Not Included: Android Phone (S9 or better)

