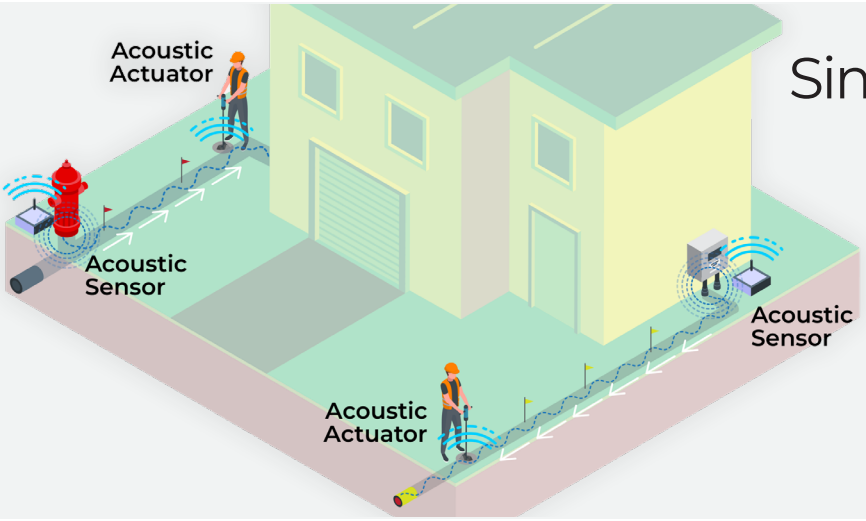
ACOUSTIC NON-METALLIC
PIPE LOCATOR

SonicFinder 1000

Accurate location of buried pipe without tracer wire installed has long been a difficult and dangerous challenge for both gas and water utilities. Acoustical methods have been used in the past to find plastic pipe, but with only limited effectiveness.

We have developed a new innovative patented technology for non-metallic pipe location using acoustics that is both fast and effective.



Simply put – IT WORKS

- Reliable
- Innovative
- Intuitive
- Adaptable

Our Vision for Locating Plastic Pipe

Patent protected technology enables non-intrusive and accurate locating of unmarked buried plastic infrastructure.

1. Access service at outside of house. Quick connect the receiver (listening device) on the gas service.
2. Move toward the buried asset with the portable transmitter which creates an acoustic condition.
3. The transmitter will indicate you have located the service of interest via communication back to the receiver.
4. Mark out the buried pipe asset in a series of passes — quickly and easily de-mobilize for next deployment.

SOLINAS TECHNOLOGIES

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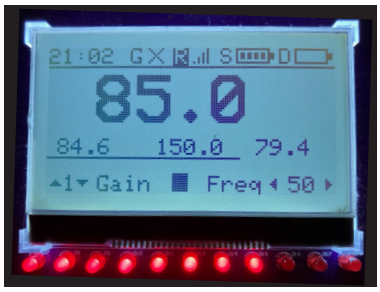
FEATURES

Acoustic Actuator

Emits sound waves for the Acoustic Sensor to detect

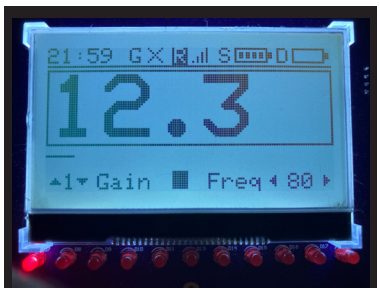
Averaging Mode Screen

Displays the readings from the Acoustic Sensor, averaged. Toggle the number of samples to be averaged from the menu.



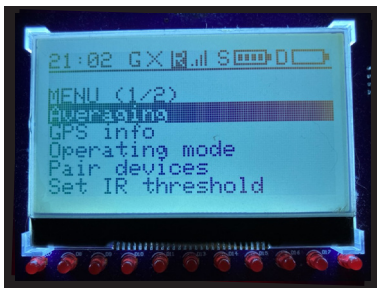
Peak Hold Mode Screen

Displays the maximum reading from the Acoustic Sensor, along with the last three maximum readings recorded.



Zoomed-In Mode Screen

Displays the readings from the Acoustic Sensor, adjusted against a selected reference reading.



Menu Screen

Allows the user to switch between operating modes, pair devices, and configure operational settings.

USB Port - Allows for field-upgradable firmware

GPS - High sensitivity receiver provides accurate time and location data

Low Power Radio Transceiver - Allows for communication between the Acuator and Sensor modules

LCD - Backlight 128*64 pixel graphical screen | Displays details for pipeline location

Li-ion Batteries - 18V dual batteries allow the unit to last throughout an entire day of locating | Easy to swap out in the field

Keypad - Simple interface for users to interact with the device

Proximity Sensor - Detects a finger in front of the sensor | Used to control acoustic output

Construction - Easily carried in the field at 13.2lbs

Acoustic Sensor

Detects the acoustic output emitted from the Actuator

Construction - Lightweight construction, weighing in at just 2.4lbs

USB Port - Allows for field-upgradable firmware

Radio - Allows for communication between the Actuator and Sensor modules

Charging Port - 12V barrel connector | Li-ion internal battery | Charge lasts multiple days

Keypad - Simple interface for users to interact with the device

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