



## GD-2134E Cable Identifier



### Product Description

GD-2134E is a high-performance underground metal pipeline detection system composed of signal transmitters and receivers. It can be used for path detection, pipeline survey and depth measurement of metal pipelines and underground cables. It can carry out uniqueness identification with a variety of selected accessories, as well as pipe insulation damage and the search for some types of cable faults.

## Features

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- Compass display: intuitively displays the pipeline location and left & right directions.
- Tracking true and false prompts: current direction measurement, tracking correct error prompts, eliminating line interference (some frequencies).
- Depth and current measurements, can display the signal strength historical curve.
- Fully digital high-precision sampling processing: stable and reliable, ultra-high sensitivity, narrow receiving passband, strong anti-interference ability, can fully suppress the power frequency and harmonic interference of adjacent running cables and pipelines.
- Running cable detection: high-performance transmission clamps, maximum coupling output signal to the running cable.
- Cable/pipeline identification: Flexible clamps (optional) are easy to use and clearly give identification results; stethoscopes (optional) can be used when it is not convenient to use clamps.
- Ground fault finding: HV booster (optional) boosts the maximum output voltage to 1000V, uses the A frame (optional) to locate the ground insulation breakage points of the pipeline, no need to adjust zero. The arrow indicates the direction of the fault point.
- Multiple detection frequencies: active detection and passive detection.
- A variety of signal output of the transmitter: direct connection output, clamp coupling output, radiation induction.
- High power output of transmitter, multiple output adjustable, automatic impedance matching and protection.
- Built-in large capacity lithium ion battery group, it will automatic shutdown undervoltage or long time no operation,
- Rugged case, light and portable.

## Specifications

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### Transmitter

Output modes	Direct connection output, radiation induction, clamp coupling output(optional), fault locating HV booster(optional).
Output frequency	640Hz (compound frequency), 1280Hz (compound frequency), 10kHz, 33kHz, 82kHz, 197kHz.
Output power	Max.10W, 10 gears adjustable, automatic impedance matching.
Direct connection output voltage	Maximum 150Vpp.
Protection	Overload and short circuit protection.
Man-machine interface	320 x240 dot matrix LCD display.
Built-in battery	4 section 18650 lithium ion battery, nominal 7.4V, 6.8Ah.

## Receiver

Input mode	Built-in receiving coil, flexible clamp-on CTs(optional), Stethoscope(optional), A type fault detection device(optional).
Receiving frequency	
Active detection frequency for Pipes	640Hz, 1280Hz, 10kHz, 33kHz, 82kHz, 197kHz.

Power frequency passive detection frequency	50Hz/60Hz and 250Hz/300Hz (user configurable).
RF passive detection frequency	The center frequency is 10kHz, 33kHz, 82kHz respectively.
Pipe detection mode	Wide peak method, narrow peak method, sound Valley method.
Cable identification mode	Flexible clamp-on CTs(optional) automatic identification and current measurement, stethoscope(optional) identification.
Display	320*240 LCD display, shows signal amplitude, left/right direction, correct/false indication, history curve of signal strength, depth, current and result.
Battery	Built-in battery, 2 section 18650 lithium ion battery, rated 7.4V, 3.4Ah.

#### Others

Dimension	Transmitter 280*220*90mm. Receiver 680*277*120mm.
Weight	Transmitter 2.3kg. Receiver 2.0kg.
Charger	AC100-240V input, 50/60Hz, output DC 8.4V,2A/3A.
Working condition	Temperature -10-40°C, humidity 5-90%RH, altitude<4500m