The intelligent pipeline detector can quickly and accurately locate various buried steel pipes, polyethylene pipes, PVC and other materials buried pipelines and cables without excavating the ground soit; Confirm the location, depth, direction andapproximate pipe diameter of pipelines and cables to avoid the Operational risk of third-party excavalion caused by unknown pipelines. lt can also be used to find hidden branches of stolen gas, crude oil and tap water to ensure the safety of people's property; Can assist homeowners to solve historical legacy problems of non-metallic pipelines such as old gas, tap water, optical cables, and cables within 7 meters of burial depth, without tracer lines or drawings. Inspection of cracks in subway tunnels (minimum 2mm gap can be found).

Application fields: special inspection, gas, water, environmental protection, supervision, exploration and mapping, petroleum communication, long-distance pipeline operation and maintenance enterprises, municipal, etc.

Features

1. Passive tracking and detection, equipment does not require frequency modulation, automatic calibration, and can work within 3 minutes of startup. Regardless of whether the pipeline has a tracking line, there is no need to connect the pipeline or perform other preliminary processing work, and is not limited by terrain.
The equipment can detect underwater and underground pipelines from the water surface;

2. The equipment intelligently collects pipeline information and can determine whether it is the same pipeline based on signal strength. It can also distinguish the burial angle of the pipeline, which is not limited by ground flatness and is not affected by external factors such as engineering construction, vehicles, vibration noise, etc; The device can be used by a single person, with simple operation and no need for data analysis in the later stage. The detection results are intuitive, and equipped with GPS and ranging functions;

3. Strong signal penetration, capable of passing through hardened roads, water surfaces, soil, grasslands, etc., with little impact from geographical environment, simple operation, and a detection depth of up to 7 meters;
Can effectively detect the historical problems of old pipelines that cannot be solved by conventional instruments such as PE, PVC, fiberglass, cement pipelines, ductile iron, optical cables, and cables for users;

4. Usually, a single cutting detection scan of a certain point takes about 10 seconds; Single person working for eight hours can detect a single pipeline of over 3 kilometers per day.