Mine Detector with GPR

DUAL SENSORS (Metal Detection + Ground Penetrating Radar)

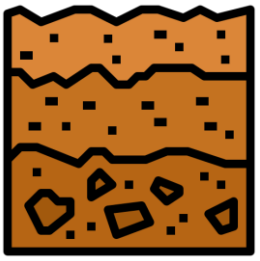
AET-MR1



The AET-MR1 mine detector utilizes a combination of electromagnetic induction and ground-penetrating radar (GPR) to identify various types of landmines and unexploded ordnance buried underground. It is designed for use in both wartime and post-conflict demining operations. In addition, the device can support international peacekeeping efforts, counter-terrorism activities, and security inspections by locating explosives, firearms, knives, and other hazardous items concealed underground, underwater, or within buildings, thereby providing critical data for the safe removal of such threats.

Key Features

- ***IEDs (Improvised Explosive Devices):*** *Equipped with ground-penetrating radar, it can detect objects concealed within different materials, including IEDs constructed with non-metallic components.*
- ***Landmines****: Its advanced features are ideally suited for mine detection. With adjustable sensitivity settings, it can reliably identify mines with minimal metal content, even those buried at greater depths.*
- ***UXO (Unexploded Ordnance):*** *An effective tool for UXO search, it is optimized for shallow-depth surveys and detecting a wide range of metallic objects, including various types of unexploded ordnance.*
- ***Ease of detection:*** *The system has vibration, audio and visual display alarms. Operators can be trained quickly.*

Title	Details	
Sensor	Dual-sensor search head with Integrated metal detector and ground-penetrating radar	
Weight	≤ 4kg	
Detection Depth	≥18 cm (for Type 72 anti-personnel mines)	
Soil adaptability	Clay, sand, magnetic soil, red soil, etc.	
Continuous working time	Up to 6 hours Extra battery can be ordered.	
Alarm mode	Audio / Visual (display) / Vibration	
Sensitivity adjustment	High / Medium / Low level	
Working temperature	-40°C to +50°C	
Storage temperature	-51°C to +71°C	
Waterproof grade	Works in moderate rain and at water depths up to 1 m	
Capabilities	Detects IEDs	
	Soil compensation	
	Detects cables	