ED-1D
Through-Wall Radar

Introduction

ED-1D Through-Wall Radar is a life detector which provides reliable detection of movement and static life behind a wall, enabling better decision making in various operational scenarios such as urban operations, anti-terrorism and search & rescue.

Technology

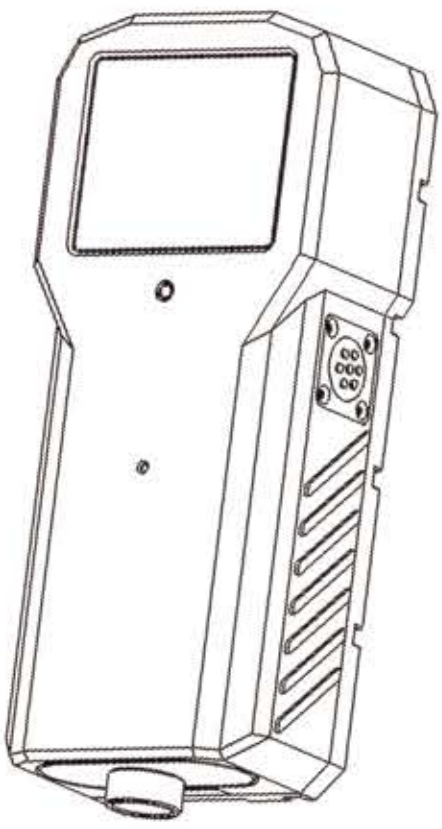
It utilizes Wide-band Frequency Modulated Continuous Wave signal system and a lightweight small antenna, providing the advantages of high sensitivity, advanced anti-jamming capability, optimized packaging and easy operation.

Features

- Powered by 1 Lithium 18650 battery; full charge enables more than 1.5 hours of usage
- Lightweight design of 450g (with battery)
- High sensitivity to hidden moving & static living target through 30cm brick wall; up to 18m detection range
- Simple operation for both left and right hand; simple and intuitive user interface
- Screen-off detection in the dark; detection information sent by vibration
- Working temperature range from -30°C~50°C

Specifications

Device Type	Handheld through-the-wall radar
Penetrable Wall Materials	Non-metal materials like concrete, plaster, soil, rock and material with low water content
Max Penetrable Wall Thickness	⩾ 30cm (solid brick wall)
Detection Range	⩾ 18m (moving target)/⩾ 15m (static target)
Display Mode	One-dimensional range (Indicate target presence, movement direction, and distance)
Weight	450g (with battery)
Size	18cm×8cm×4cm
Battery Type	1 Lithium 18650 battery
Operating Time	⩾ 1.5hours
Working Temperature	-30°C~50°C
Detection Target Number	⩾ 2
Field of View	±60°
Frequency Range	S-band
IP Rating	IP67
Wireless Capability	No built-in wireless module
Accessories	1 Lithium 18650 battery, battery charger, a portable suitcase



Operation

ED-1D Through-Wall Radar is designed for one-handed operation. Holding it to a wall, door or other non-mental building structure, the operator simultaneously presses the buttons on the two sides of the radar to begin the detection. The status for both moving and static object will be displayed within seconds. It is also capable of detecting and displaying the distance and range of multiple targets.

Applications

- Police and/or SWAT units can determine the presence and location of assailants or hostage in a building.
- Search & rescue team can locate injured people inside a room.
- Firefighters can quickly determine whether people are trapped in a building.

Website: www.e5dao.com
HP: +6585337557
Office Phone: +6562436371
Email: sale@e5dao.com
Add: blk1013 #05-106, Geylang East Ave 3, Singapore 389728