



NovoQuad

Your World, Secured

ND-SV007

See Through Wall Radar





System Overview

ND-SV007 See Through Wall Radar is a 3D portable, handheld and durable see through wall radar. It is specially designed to achieve rapid target research in rescue, anti-terrorist and other emergency rescues.

It has the function of three-dimensional positioning of moving and static targets, can achieve reliable through-wall detection of common wall materials and rapidly search & position the targets. By using the ND-SV007, the aid quality and efficiency has been effectively improved.

System Advantages

- **Through-wall Detection**
Reliable through-wall detection of the common wall materials.
- **Portable and Compact**
Small, light and portable, quick to operate.
- **Three Dimensional Positioning**
Accurately position the three-dimensional coordinates of targets, display the number of moving/static targets and movement tracks.
- **Simple User Interface**
Simple user interface, providing clear and visual detection results.

Technical Specifications

Radar system	Portable 3D imaging through-wall radar
Penetrable wall material	Non-metal materials like concrete, soil, rock and other materials with low water contents
Start-up time	≤10s
Detection & Display	3D imaging, display the distance, direction, height, status of the target
Numbers of detected targets	≥ 5 targets
Protection class	IP65
Detection distance for static targets	≥20m (penetrate 24cm brick and concrete mixed wall)
Detection distance for moving targets	≥30m (penetrate 24cm brick and concrete mixed wall)
Detection angle	120° in azimuth angle and 90° in pitching angle
Continuous working time	≥ 4h
Dimension	566mm (L)×548mm (W) ×117mm (D)
Weight	Host (including battery: 0.636kg): 8.717kg
	PAD: 1.161kg
Anti-dropping	≥1.0m
Operating temperature	-20 °C - 60 °C

All specification are subject to change without notice. Pictures for reference only.

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