DAR
Through-the-Wall Radar

DAR (Through-the-Wall Radar) is a through-the-wall radar system which utilizes Ultra Wide Band (UWB) signals to detect and locate static and moving targets beyond obstacles.

DAR is designed to be man-portable to enable rapid system deployment. The system can be held and used by one personnel, or mounted on a tripod and controlled remotely through a tablet PC.

DAR can be used in defense/law enforcement applications such as counter-terrorism, internal security and hostage rescue operations as well as in civilian applications such as disaster relief and fire rescue.

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Key Features

- Ergonomic, lightweight design
- Location estimation of moving or static targets
- High range resolution
- High penetration through various types of obstacles
- Macro and micro motion detection capability
- Wall detection feature
- Remote control capability
- Record and playback feature
- Low power consumption and built-in-battery
- Foreign language support

Technical Specifications

Size	48 x 27 x 16 cm
Weight	6.5 kg
Detection Distance	22 m
Motion Detection	Macro and micro motion
Wall Types	Brick, plaster, wood, plastic, drywall, concrete, reinforced concrete
Cross-range Field of View	112°
Display Modes	1D, 2D
Screen Size	7"
Power Type	Built-in rechargeable battery and mains
Battery Operating Life	4 hours
Ingress Protection	IP 66