



See Through Wall Radar 2D

Description

The See Through Wall Radar 2D is an advanced device designed for security and emergency services. Using Ultra-Wideband (UWB) impulse radar technology, it accurately detects humans through walls made of cement, concrete, red brick, and other standard materials. With a detection range of 12 meters and a wide 120° field of view, this radar provides precise information on the target's distance, movement direction, and position in less than 2 seconds. Its lightweight design (1.4 kg) and compact dimensions (380x254x140 mm) make it highly portable for tactical operations, hostage rescues, and casualty searches. Featuring an intuitive interface, it operates smoothly even in harsh conditions, ranging from -10°C to +50°C. The See Through Wall Radar 2D ensures reliable performance with anti-interference capabilities for efficient and effective life detection. Perfect for military, security, and rescue professionals!

Product Specification

- **Make :** Airborne Aero
- **Model :** VORTEX YSR 1200
- **Detection Range:** Up to 12 meters
- **Field of View:** 120° horizontal and 120° vertical angles
- **Response Time:** Less than 2 seconds for target detection
- **Wall Penetration:** Detects through cement, plaster, red brick, concrete, reinforced concrete, adobe brick, stucco brick, and other building materials
- **Technology Used:** Ultra-Wideband (UWB) impulse radar
- **Human Detection:** Accurately detects distance, direction of movement, and position of humans
- **Application:** Ideal for tactical operations, hostage rescues, and emergency services
- **User Interface:** Intuitive, user-friendly interface for easy operation
- **Portability:** Lightweight and compact design
- **Weight:** 1.4 kilograms for easy mobility
- **Dimensions:** 380x254x140 mm, ensuring portability
- **Frequency Range:** Operates between 600MHz to 1800MHz
- **Operating Temperature:** Works effectively between -10°C to +50°C
- **Anti-Interference:** Strong resistance to interference for accurate results
- **Material Coverage:** Efficient life detection even through standard construction walls
- **Signal Processing:** Processes electromagnetic waves to restore human movement and location
- **Use Cases:** Security, breach entry, casualty search, and tactical rescue missions



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