

## **LSJ Technology Stuns at Intersec with 3D Wall-Penetrating Radar Life Detector**

From January 14th to 16th, 2025, Intersec - The World's Leading Trade Fair For Security, Safety And Fire Protection will be grandly held at the Dubai World Trade Centre. Beijing LSJ Technology Development Co., Ltd. will make a significant display of its independently developed Three-Dimensional Wall-Penetrating Radar Life Detector, bringing innovative changes to the security and fire protection fields.

As a national high-tech enterprise engaged in the R&D, production, and sales of equipment for emergency rescue, military, and police anti-terrorism, LSJ Technology has always been committed to transforming cutting-edge scientific research achievements into practical equipment and aspires to become an industry leader.

The Three-Dimensional Wall-Penetrating Radar Life Detector launched this time is based on advanced MIMO ultra-wideband radar technology and possesses outstanding performance. Its powerful penetration ability can penetrate wall ruins to detect vital signs, playing a crucial role in disaster rescues such as earthquakes and building collapses. Through 3D positioning imaging, it can accurately identify the postures of trapped people; the real-time multi-target positioning function can track the dynamics of multiple targets simultaneously, greatly improving rescue efficiency.

In terms of operation, it has a user-friendly human-computer interaction interface and flexible control terminal operation. Whether it is handheld by a single soldier or assisted by a tripod, it can be quickly deployed. The lightweight and portable design, combined with a pull-rod pulley explosion-proof box, facilitates its use in various complex environments. Meanwhile, it adopts a medium-coupled enhanced antenna with strong anti-interference performance, adapting to a variety of complex scenarios.

Regarding application scenarios, this device performs extremely well. In anti-terrorism and stability maintenance, it can help security forces quickly grasp the distribution of terrorists inside buildings and effectively formulate combat plans; during street fighting reconnaissance, it assists combatants in perceiving the enemy's position and enhancing situational awareness. In hostage rescue scenarios, it

accurately locates hostages and hostage-takers, ensuring the safety and efficiency of rescue operations.

In the fire protection field, it can penetrate thick smoke during fire rescue to locate trapped people; in daily fire safety inspections, it can detect hidden dangers. It is widely applicable to various emergency search and rescue scenarios. In public security criminal investigation, it can assist in searching for suspects; in border security inspection and customs inspection, it effectively prevents illegal border crossings and smuggling. Military reconnaissance provides crucial intelligence for combat decision-making.

LSJ Technology has a strong R&D team. The core members come from top institutions, covering multiple professional fields and possessing numerous patents and academic achievements. The company adheres to the concept of "Mutual Development and Shared Benefits", constructs a complete rescue system, and provides high-quality services.

At the exhibition site, LSJ Technology will comprehensively showcase the 3D through-wall radar life detector. People from all walks of life are welcome to visit **[HALL 6, 6-G14]** at the Dubai World Trade Centre to jointly witness this innovative achievement and explore the new future of the industry.