

Technical Cooperation Form

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| Company/Organization Name | Nanjing Hurys Electronic Technology Co.Ltd. 南京慧尔视防务科技有限公司 | | |
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| Company/Organization Description | <p>The company was founded by Dr. Zhang Defeng, high-level entrepreneurial talent in Jiangning District. It has a "National High-tech Enterprise" and "Double Soft Enterprise", "Jiangsu Private Technology Enterprise" qualification. Since its inception, focusing on the development and promotion of advanced radar technology in the field of safety monitoring, such as automotive safety, drone safety and intelligent safety.</p> <p>We advocate "promoting intelligent perception and sharing innovative technologies", adhere to independent innovation, and provide comprehensive, accurate and real-time traffic information for automotive safety, intelligent safety and other fields. The company's main products include millimeter-wave radar, automotive radar and target detection and tracking systems.</p> <p>公司由江宁区高层次创业人才张德锋博士创办，具备“国家高新技术企业”、“双软企业”、“江苏省民营科技企业”资质，成立以来一直专注于先进雷达技术在汽车安全、无人机安全和智能安防等安全监测领域的技术研发和推广。</p> <p>公司倡导“推动智慧感知，共享创新科技”，坚持自主创新，为汽车安全、智能安防等领域提供全面、精准、实时的交通信息，主要产品有毫米波雷达汽车雷达及目标检测与跟踪系统等。</p> | | |
| Website | http://www.aisar.cn | | |
| <p>1. Technology Field</p> <p>Civil intelligent radar</p> <p>民用智能雷达</p> | | | |

2. Technology Description

We have developed advanced intelligent radar technology in automotive safety and intelligent safety applications. Using intelligent big data analysis algorithm based on deep learning, the radar echo of the target is calculated by using the relative relation between the mathematical model of human motion and the radar position of the large detection area. According to the in-depth study of the movement characteristics of individuals or vehicles, extract abnormal behavior, effectively and quickly perform individual and multi-person movement, quickly detect the movement of abnormal targets, and remind relevant personnel to pay attention.

Our professional safety radar solutions use advanced early warning radar technology to cover large surveillance areas without blind spots and around-the-clock coverage. Our radar advantages are small size, light weight, high reliability, high sitting, good detection results, strong anti-jamming ability. Strong places to control and alarm, can be widely used in prisons, maritime, national defense and other important places such as no-man's land to control and alarm.

采用先进的雷达技术在汽车安全与智能安防领域推广应用。采用基于深度学习的异常行为智能大数据分析算法，能够在检测区域内利用人体运动数学模型与雷达位置的相对关系推算人体行走的雷达回波。基于深度学习的异常行为提取方法对人体运动特征进行提取，有效快速的进行单人和多人运动分辨，快速检测出异常目标的运动状态，提醒相关人员注意。

公司推出的安防雷达专业应用方案，采用先进的预警雷达技术，实现对大监测区域内无盲区、全天候覆盖，具有体积小、重量轻、可靠性高、定位精度高、检测效果好、抗干扰能力强等优点，可广泛应用于监狱、海事、国防及多种无人值守区域等重要场所的布控和报警。

3. Technology Advantages

The advantages of technology are the target detection, target recognition and intelligent behavior analysis of large area targets of intelligent radar sensors. The result is realize all-weather awareness, detection and anomaly alarms of moving people, vehicles or animals.

The technological breakthrough lies in low-speed/static multi-target detection and large-area tracking. Our radar technology enables 3D accurate detection of target velocity, distance and angle data in large areas, as well as identification, trajectory reconstruction, behavioral analysis and alarm output for all target features within the range. This technology is at the domestic advanced level.

技术优势在于从雷达传感器的大区域目标探测、目标识别和智能行为分析三个方面，实现运动人员、车辆或动物的全天候感知、检测和异常报警。尤其在低速/静止多目标检测和大区域跟踪方面实现技术突破，完成对大区域内目标速度、距离和角度数据的三维检测，并对范围内的所有目标进行特征识别、轨迹重建、行为分析和报警输出。

4. Cooperation Requirements

We seek companies related to artificial intelligence and big data. It is hoped that the cooperation will include video algorithms, radar data processing, multi-sensor data fusion and other related technologies.

寻求人工智能、大数据有关的公司，有视频算法、雷达数据处理、多传感器数据融合等相关技术。

5. Potential Partner Requirements

It is hoped that partners will have project experience in transportation, automobiles, safety and other fields to jointly solve key technologies in related fields.

希望合作伙伴在交通、汽车、安防这几个领域有项目经验，以及在相关领域共同解决关键技术的攻关。

6. Ideal way of cooperation

- Technical Transformation Technology License
- Cooperative R&D Mergers and Acquisition
- Manufacturing Technology; Equipment Transfer
- Others _____ Equity Investment