

单光子计数成像 Single Photon Counting Imaging



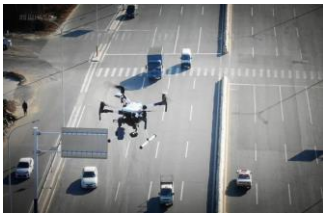
货运无人机调度
Freight UAV dispatching



黑飞无人机监视
Surveillance of unauthorized UAV flights



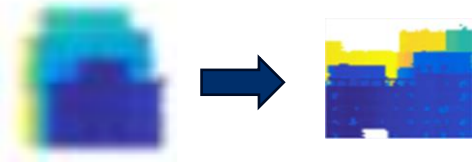
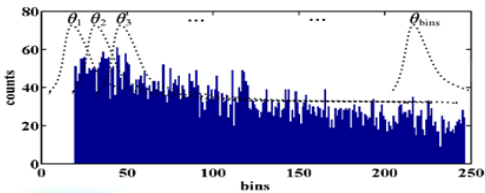
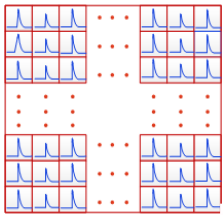
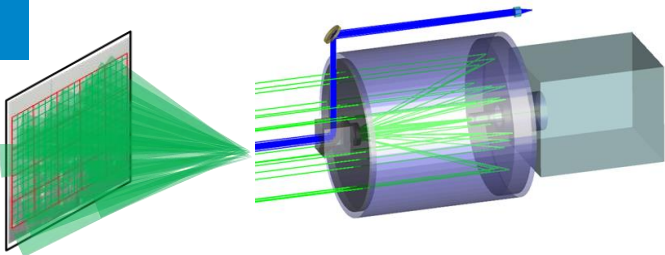
机场空域保护
Civil aviation airport airspace protection



低空航线规划管理
Low-altitude air route planning and management

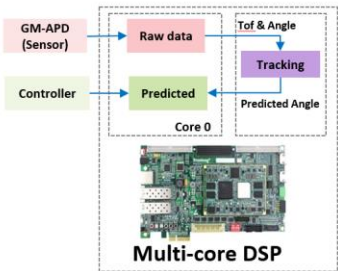
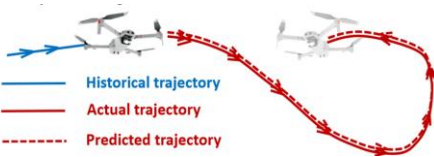
技术优势 Technical Advantages

- 基于共孔径光路的阵列块扫描方法
- **Array Block Scanning Method Based on Co-aperture Optical Path**



- 基于低信噪比参数估计的三维成像方法
- **3D imaging method based on Low SNR parameter estimation**

- 基于多核DSP的目标跟踪方法
- **Object tracking method based on multi-core DSP**



系统规格 System Specifications

	单光子计数成像 (Single Photon Counting Imaging)
工作距离 Working Distance	≥3km
测量精度 Precision	20cm
角分辨率 angular resolution / 帧频 Frame rate	150Hz



单光子计数成像
Single Photon Counting Imaging