

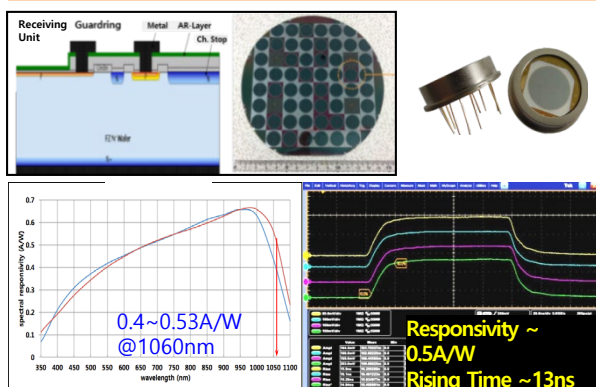
Silicon Optical/Radiation Sensor Technology

Technology Overview

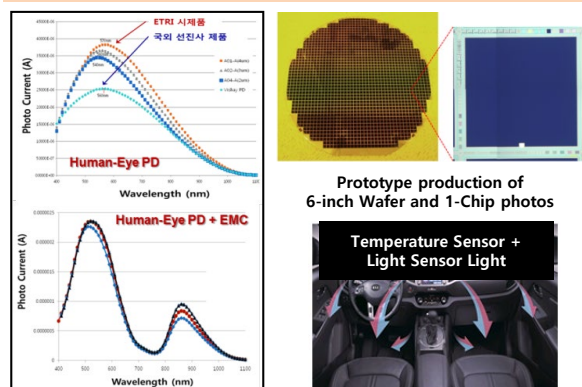
- Multi-cell silicon optical sensor with high responsivity and fast response time in the near-infrared wavelength range
- Human-eye and near-infrared integrated silicon optical sensors
- Various silicon radiation sensors: Si PIN Detector, Linear Detector, Pixel Detector, μ -Strip Detector, etc.
- Utilized in collision prevention sensors, integrated light/temperature sensors, medical/radiation inspections, X-ray detectors for logistics screening in airports, etc.

Key Development Cases

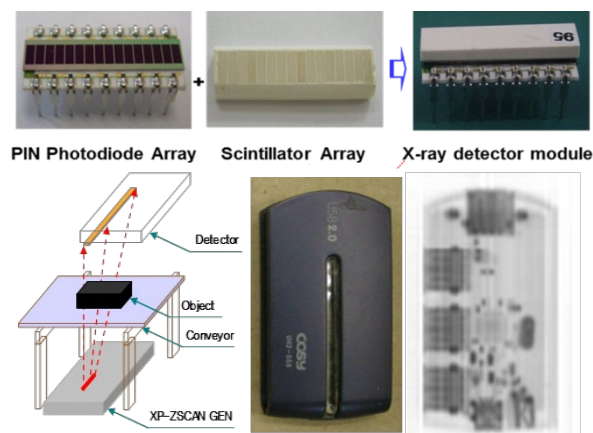
1060nm Multi-Cell Si PD for Laser Tracker



Human-eye and Near-IR Integrated Si PD



PIN Linear Detector for X-ray Imaging



Si μ -Strip Detector for Particle Accelerators

