



RETINA



NEXT-GENERATION PHOTONICS SENSOR SYSTEM

RETINA PROJECT aims to create innovative spectral imagers and chip-based LIDAR sensors and combine them in a versatile multimodal perception system.

APPLICATIONS



HEALTHCARE



AUTOMOTIVE



AGRICULTURE

CORE TECHNOLOGIES

Short- and long-range FMCW LiDARs on chip

Vis-NIR-SWIR Spectral Quantum Dot Imagers

Integrated Optical Microfilters

Ultra-Low-Power Camera Modules

Ground, Vehicle, and Drone platforms



PARTNERS



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