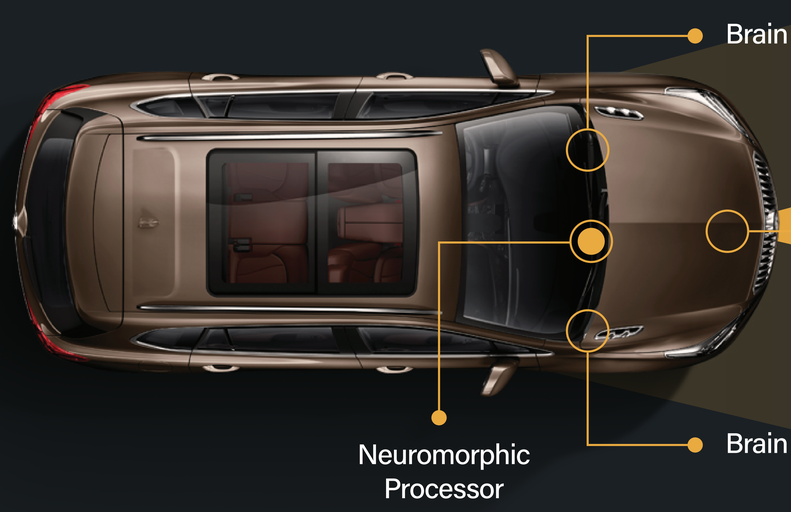
ARTH PHOTONICS

4D+ Imaging Lidar With Brain Inspired Neuro Processor

COMPLETE IN-HOUSE HARDWARE AND SOFTWARE DESIGN FOR SEAMLESS SOLUTIONS

- 4D+ Coherent Solid-State Lidar
- Event Readout Based sCMOS Sensor Tracking
- Fast Neuromorphic Processor for Ultra Fast Data Processing
- 4D + Lidar & NMS Sensor Fusion
- Infrared Technology – Immune to Sun Light , Fog , Rain , Can operate 24 x7
- Complete Solid-State Tech – No moving parts
- Eye Safe
- Low Cost for High Volume Manufacturing
- Complete IP of the Chip/ASIC with us
- Wide FOV (85 x 55 degree)
- High Angular Resolution (0.05 degree)



With lightning-fast 4D technology, our Fusion system laser scans a radius of 300 meters in front of the vehicle and reacts faster than in 10 milliseconds when an object is detected on the road – up to ten times faster than today's ADAS