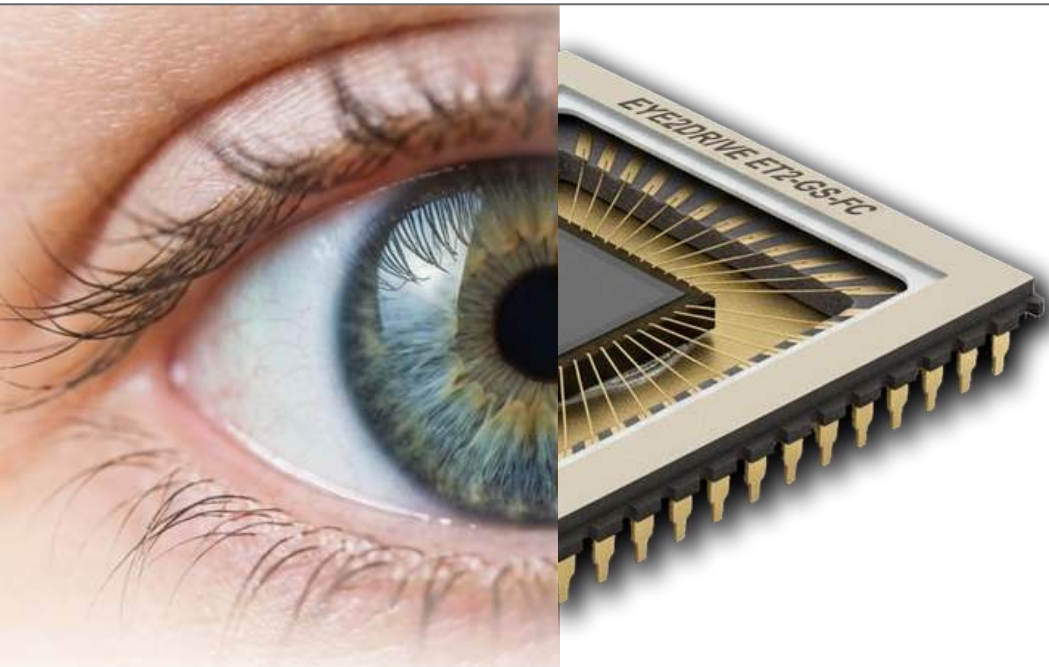




Bio-Inspired Imaging for the Autonomous Future



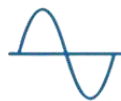
AI-Ready Architecture

Designed to interact directly with AI systems, allowing real-time parameter control for superior image reliability.



Adaptive High Dynamic Range (HDR)

Proprietary technology mimics the human eye, adjusting sensitivity frame-by-frame to handle extreme lighting contrasts (120dB).

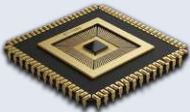
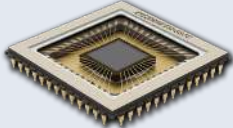


Native Flicker Mitigation

Inherently immune to LED flickering and ghosting artifacts, essential for modern traffic environments in every light condition.



The Eye2Drive Sensor Family

	 ET-1080: Great Resolution	 ET2-GS-FC: Hi-Speed & Motion
Best For	Detailed inspection, static/slow environments, high-resolution mapping.	High-speed autonomous navigation, robotics, drone flight, defense.
Shutter Type	Rolling Shutter	Global Shutter (no motion distortion)
Resolution	1080 x 1080 (Full HD Square)	1920 x 1080 (Full HD)
Pixel Pitch	3.0 μm	4.8 μm (Real CDS pixels)
Frame Rate	Max 24 fps (Full Frame)	Max 45 fps (Full Frame)
Color	RGB Color Pattern	RGB & B&W options available
Die Size	4.20mm x 4.00mm	9.00mm x 11.50mm

Applications



Automotive



Robotics



Drones



Defense

Backed by



Defence Innovation
Accelerator for the
North Atlantic

