EMBEDDED VISION

:: csem

EMBEDDED VISION

Intelligent Embedded Vision Systems work in real-time allowing fast, efficient & secure analysis at the edge for quality control, diagnostic, security & IoT applications.

Capabilities

- Ultra-low power imagers
- Miniature embedded systems
- Compact, fast, & tailored multispectral imaging
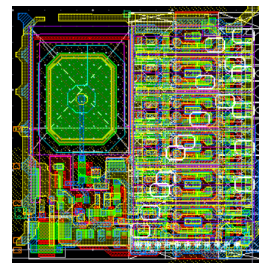- Integrated machine learning for information extraction & processing

Applications

- IoT Sensors: people counting, fatigue detection, & face recognition
- Situation awareness
- Industry 4.0: Quality control & process supervision
- Medical Diagnostics
- Automotive: Assistance & safety, driver & passenger interaction
- Agriculture: UAV based systems & continuous monitoring

About CSEM

CSEM is a Swiss, nonprofit, Research & Technology Organisation. Our mission is to develop innovative technology platforms for transfer within the industrial sector. We offer our customers/partners advanced, tailored solutions that are supported by our extensive market knowledge & technology expertise.

CSEM works with a wide range of stakeholders, from start-ups to SMEs & large organizations, as well as universities. Our services include contract R&D with strategy & innovation consultancy across a diverse range of industries. Our expertise covers photonics, electronics, micromechanics, medical devices, & more.

5 people detected

www.csem.ch/vision