

ThirdEye Systems Ltd.



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ThirdEye Systems Ltd.

Founded in 2010, ThirdEye Systems Ltd. is an experienced well-known Research and Development company, specialized in high-end object recognition algorithms within the thermal spectrum, for various needs. With a strong background in both computer vision and drone control, the company's products are in the IDF service, and are successfully used by leading defense companies.

ThirdEye Systems Ltd. uses its proprietary state-of-the-art, on-board, computer vision algorithms to enhance its customers' capabilities. Its aEYE solution provides on-the-fly, thermal, computer vision and real-time aerial analytics solutions. It deals with the third level of drone autonomy; going from (level-1) autonomous flight and (level-2) zero-touch charging stations to (level-3) full end-to-end autonomous missions. aEYE creates valuable insights based on the drone-harvested data, and translates it into actionable tasks, providing real scalable autonomous security solutions without man-in-the-loop. The system can support manned missions where it significantly increases detection rate and accuracy while allowing for better coverage and situational awareness.

For the past 8 years ThirdEye has been nurturing our neural network teaching it to detect humans using low processing power while on the move/fly. This extensive database puts us in a unique position to implement these capabilities to a variety of application ranging from airborne platforms, PTZ cameras and even in the automotive industry.

ThirdEye's Meduza is a cost-effective drone detection platform based on our on-the-fly thermal video understanding. It can be installed as a stand-alone unit or a complementary system to long range detection system in the below horizon, cluttered scene. The Meduza is a man portable, passive scanning system that can detect any drone, even against a complex background, and is already integrated with hard-kill systems.