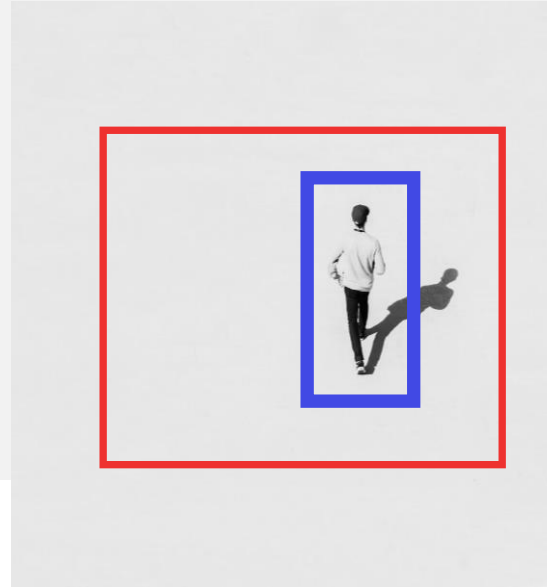


INTRUSION DETECTION



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Vaidio's Intrusion Detection automates the monitoring tasks for high-risk sites to provide a high level of security and security personnel monitoring efficiency. The simple plug-and-play setup enables our AI Intrusion Detection to be deployed in real-world applications.

Traditional intrusion detection systems detect objects based on size and location, but do not recognize the type of objects. Vaidio's Intrusion Detection (Virtual Fence), with the built-in AI algorithms to recognize over 100 types of objects, can distinguish objects of interest, e.g., a person, from irrelevant objects in the Region of Interest (ROI), (e.g., animal, plastic bags, moving shadows at dawn/dusk). Thus, there is a significant decrease in the false positive rate.



FEATURES

- ❑ Filter out images without human faces or objects from source video
- ❑ Configure input channel and multiple ROIs as needed
- ❑ Set detection for vehicle, person, or object
- ❑ Recognize over 100 types of objects
- ❑ Distinguish objects of interest
- ❑ Work with infrared camera
- ❑ Receive real-time alert when the target object was detected in the ROI
- ❑ Show the detected event on the map based on camera's location
- ❑ View the track of the target object (e.g. stolen car) on the map base on its detected time and location

BENEFITS

- ❑ Save on software license costs by having multiple cameras share the virtual fence analytics software, which runs on the private cloud computing platform
- ❑ Reduce false positives by having only images with people or objects transmitted as meta-data to reduce false positive alerts
- ❑ Upgrade on the server side for ease of maintenance and software upgrade
- ❑ Connect and integrate with nearly any third-party system
- ❑ Detect intrusion even in low-light
- ❑ Use with nearly any existing ONVIF IP-based camera, no need for expensive, preconfigured cameras



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About Aicuda Technology

The Aicuda Vaidio™ AI Vision Platform orchestrates multiple AI video analytics engines to provide higher accuracy and lower total costs across the industry's broadest array of video analytics. Vaidio solutions are deployed by government organizations, airport and maritime authorities, defense departments, schools and campuses, manufacturing and healthcare facilities and other critical infrastructure organizations across the globe to rapidly detect, track, identify, search, and view thousands of objects and receive real-time notifications of critical events. Aicuda's patented self-learning video analytics software seamlessly integrates with a large variety of 3rd party products. Aicuda sales and engineering teams are strategically located to provide services and support to customers around the world.