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INDUSTRIAL PRODUCT DATASHEET

Frigate NVR with Odyssey Blue and Coral USB AI Accelerator

Frigate NVR with Odyssey Blue and Coral USB AI Accelerator delivers real-time, high-FPS object detection and 24/7 recording with Home Assistant integration.

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Overview



The Frigate NVR with Odyssey Blue and Coral USB AI Accelerator integrates tightly with Home Assistant and uses low-overhead motion detection to trigger resource-efficient object detection. It achieves 100+ FPS via TensorFlow multiprocessing, supports 24/7 recording with object-based retention, and communicates over MQTT.

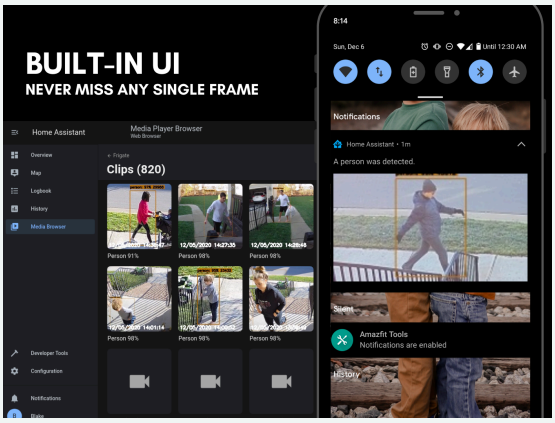
Key Features

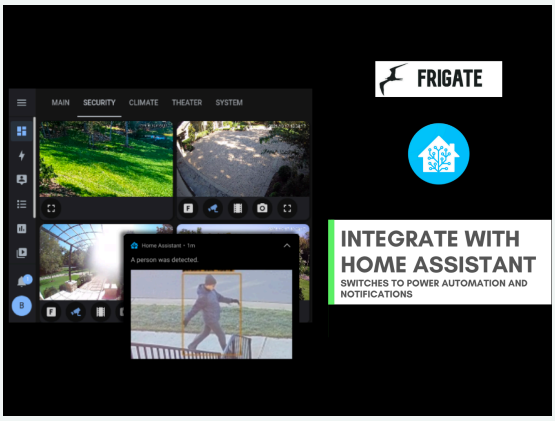
Features

- Tight integration with Home Assistant via a custom component
- Designed to minimize resource use and maximize performance by only looking for objects when and where it is necessary
- Leverages multiprocessing heavily with an emphasis on real-time over processing every frame
- Uses a very low overhead motion detection to determine where to run object detection
- Object detection with TensorFlow runs in separate processes for maximum 100+ FPS
- Communicates over MQTT for easy integration into other systems
- 24/7 recording: records video with retention settings based on detected objects
- Re-streaming via RTMP to reduce the number of connections to your camera

Product Gallery







Resource Links

- https://www.seeedstudio.com/Frigate-NVR-with-Odyssey-Blue-and-Coral-USB-Accelerator-p-5469.html

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