

AI STATISTICS – HEATMAP GENERATION



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The Vaidio AI Vision Platform delivers video analytics solutions for Security, Safety, Access Control and Social Health Screening. Vaidio’s advanced AI makes video monitoring, security alerts, health screening and forensic investigation more accurate and automated to increase productivity, security, and safety.

Vaidio’s Heatmap function can analyze up to 24 hours of video stream (both live stream from cameras or recorded files) and generate heatmaps of 1-hour length or of the entire 24-hour period (Aggregate mode) to show the activities of the object type(s) of interest.



FEATURES

- ❑ Select the specific object type and generate the heatmap
- ❑ Get results by selecting “Hourly” (1-hr-length heatmaps) or “Aggregate” (24-hr-length heatmap)
- ❑ Obtain heatmaps of:
 - ❑ Any combination of object types detected in the current AI model
 - ❑ Object types with colors, e.g., “car (white, black)”
 - ❑ People, including their gender and age range, e.g., “Face (Age=30-39; Gender=Male)”
 - ❑ One video source (camera channel or uploaded file) at a time

USE CASES

- ❑ Generate heatmaps to show the most/least popular areas to distinguish product interest
- ❑ Classify the product preferences of different genders and age groups by generating the heatmap with specific gender/age
- ❑ Obtain information about the areas and/or stores in a shopping mall that receive the most traffic and their peak hours
- ❑ Verify whether certain advertisements effective in garnering more attention
- ❑ Check if visitors of an establishment are lingering in a certain section in order to offer timely assistance or possibly prevent theft
- ❑ View hourly heatmaps to learn the peak hours for pedestrian sidewalks and city streets to better manage traffic
- ❑ Manage popular parking spots and busy roads based on their usage
- ❑ Check nighttime activity of animals, people, and vehicles



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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.