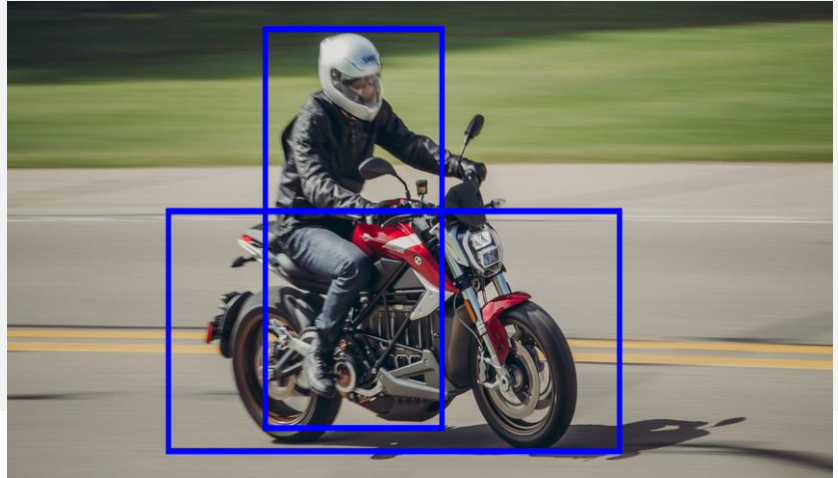


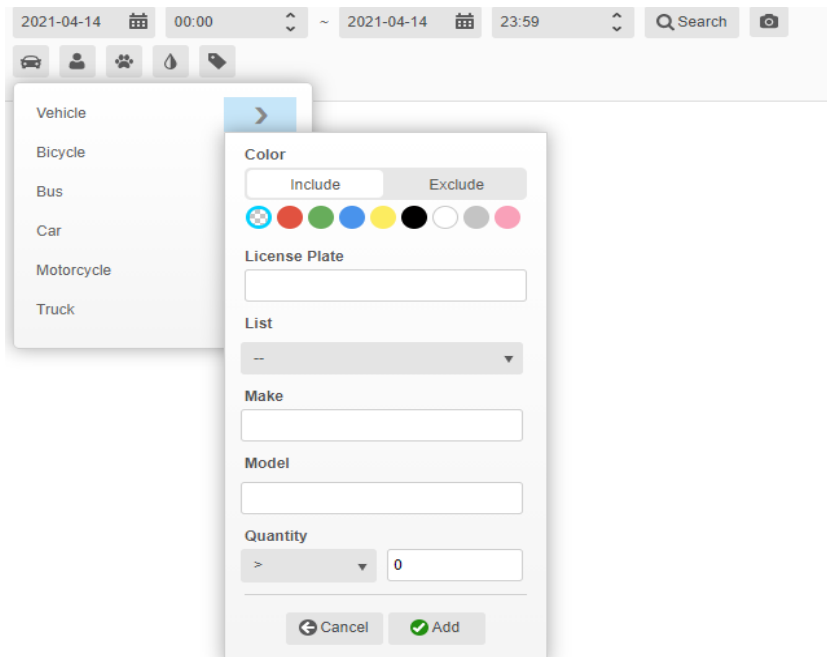
VAIDIO AI MODELS



www.aicuda.world

Vaidio AI Models are trained by our engineers using state-of-the-art deep learning frameworks and application-oriented image data. These models power the analytic functions with increasing accuracy & object detectability. The AI models are responsible for identifying why objects are classified as such based on their pixel density and pattern.

Vaidio contains many AI models, including General, Weapon, Smoke & Fire, and custom models using Vaidio DIY. These models are separately trained but can be used at the same time for maximum efficiency. Users can activate, upload, and remove models for each Vaidio server in their system. The General model is the main AI model used in the Vaidio AI Vision Platform. This model contains over 30 detectable elements, including different objects, vehicles, animals, and people, as well as their characteristics.



GENERAL MODEL

OBJECT		ANIMAL	VEHICLE	HUMAN
<input type="checkbox"/> Airplane	<input type="checkbox"/> Laptop	<input type="checkbox"/> Bear	<input type="checkbox"/> Bicycle	<input type="checkbox"/> Person
<input type="checkbox"/> Backpack	<input type="checkbox"/> Plant	<input type="checkbox"/> Cat	<input type="checkbox"/> Bus	
<input type="checkbox"/> Ball	<input type="checkbox"/> Racket	<input type="checkbox"/> Cow	<input type="checkbox"/> Car	
<input type="checkbox"/> Baseball Bat	<input type="checkbox"/> Skateboard	<input type="checkbox"/> Dog	<input type="checkbox"/> Motorcycle	
<input type="checkbox"/> Boat	<input type="checkbox"/> Skis	<input type="checkbox"/> Horse	<input type="checkbox"/> Truck	
<input type="checkbox"/> Cellphone	<input type="checkbox"/> Snowboard			
<input type="checkbox"/> Chair	<input type="checkbox"/> Suitcase			
<input type="checkbox"/> Gloves	<input type="checkbox"/> Surfboard			
<input type="checkbox"/> Handbag	<input type="checkbox"/> Tie			
<input type="checkbox"/> Kite	<input type="checkbox"/> Train			
<input type="checkbox"/> Knife	<input type="checkbox"/> Umbrella			

FIRE MODEL

OBJECT	
<input type="checkbox"/> Fire	<input type="checkbox"/> Smoke

WEAPON MODEL

OBJECT	
<input type="checkbox"/> Handgun	<input type="checkbox"/> Rifle

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.