



GV-AI GUARD v2.0

Guard Force of the Future



GV-AI Guard uses deep learning technology to learn different classifications in a video event, such as human, vehicle, license plate, hard hat, and violations. Within the classifications, users can search and filter on many different attributes, including human clothing color, and vehicle type/color, and gender. When integrated with GeoVision facial recognition devices, it helps to identify and search millions of faces in seconds.

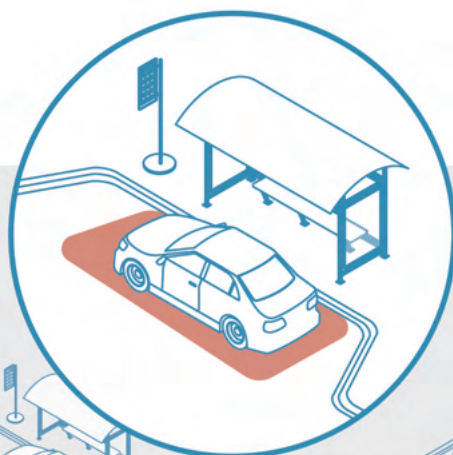
Traffic Management Application Scenarios

By utilizing AI technologies, GV-AI Guard can detect multiple objects, including pedestrians, bicycles, cars, motorbike, bus and truck. AI Guard develops object classification and identification technology, which can detect vehicles colors, routes and counting. AI Guard also provides traffic issue solutions including parking violation detection, wrong way driving detection, average speed and prohibited vehicle types.

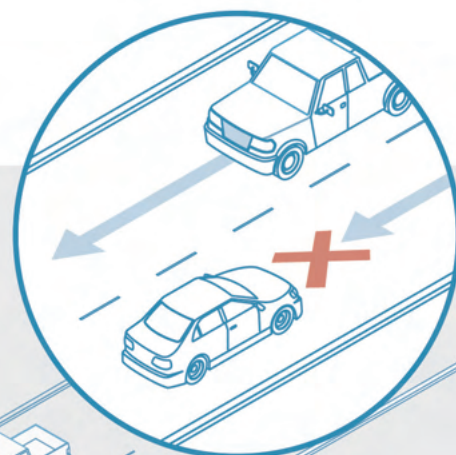
Prohibited Vehicle Types



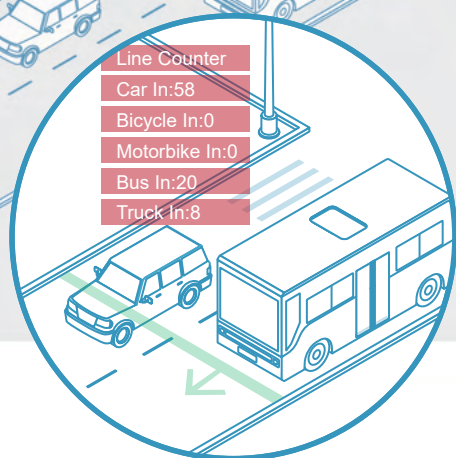
Vehicle Loitering Detection



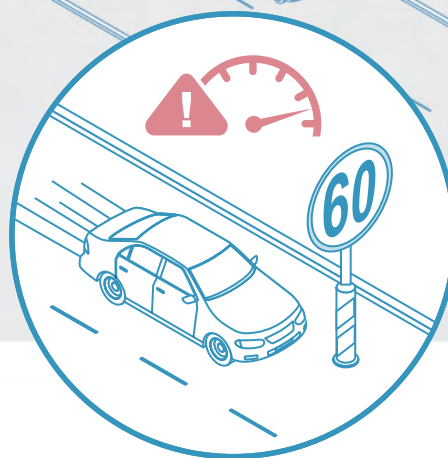
Wrong Way Driving



Line Counter
Car In:58
Bicycle In:0
Motorbike In:0
Bus In:20
Truck In:8



Vehicle Counting



Over Speed (Average Speed)

Personal Safety Application



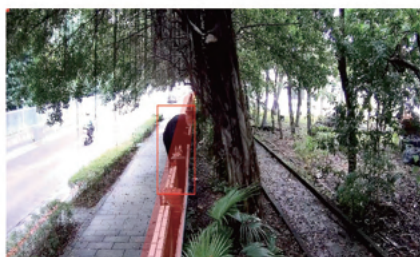
Crowd Detection
For Distancing Detection



Enter Area / Leave Area
For Hotel Lobby or Service counter



Smoke or Flame Detection
For Factory Safety



Intruder Detection
For Building Perimeter Monitoring



Loitering Detection
For Low Traffic Area Safety



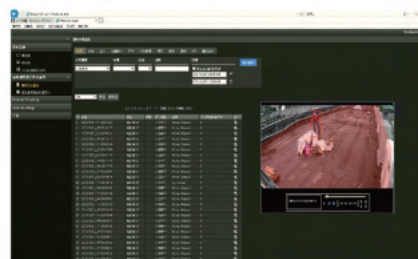
Personal Protective Equipment (PPE)
For Factory Safety



Mask Detection
For Building/Station Entrance

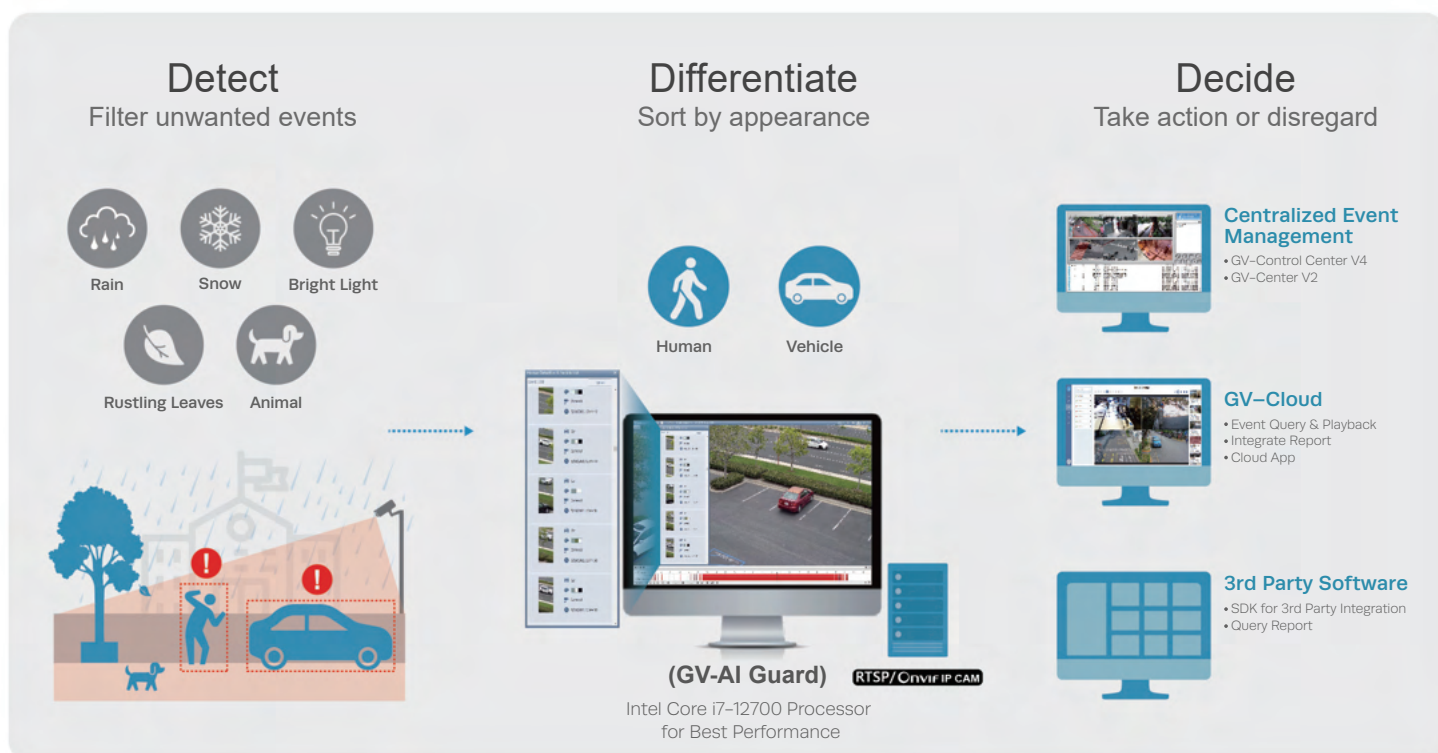


Face Search



Web-Based Remote Event
Search and Playback

Structure



Smart Search

Users can utilize filters to quickly find recorded footage of interest. Filter options such as vehicle type/vehicle color, clothing color or event type help to speed up the video review process.



Event List

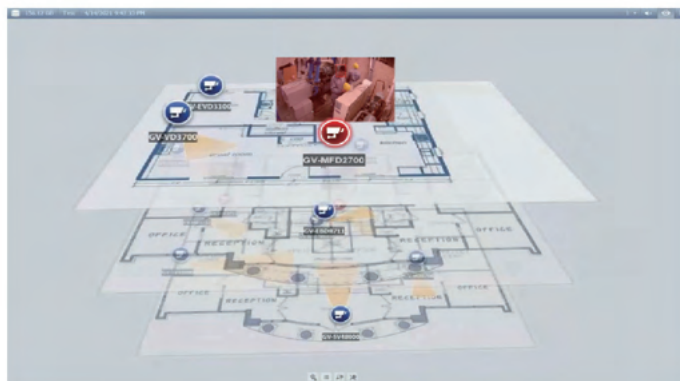


Search

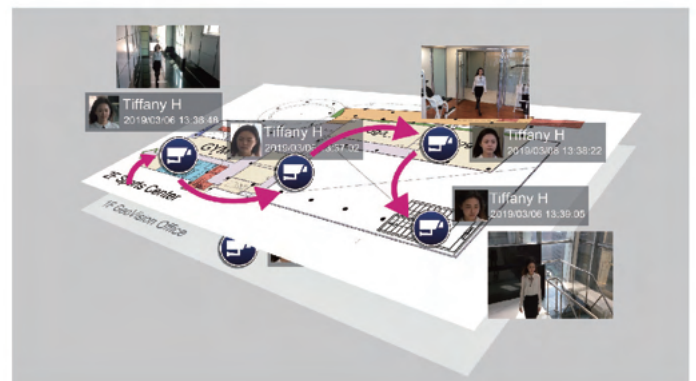
Playback

3D EMAP

All AI events can be displayed on the 3D Emap, and users can quickly spot location of the event. Also users can use face tracking function to know the path of a target person.



AI Event Popup



Face Tracking