

AI Deep Learning Weapon Detection

Industry's First Artificial Intelligence Weapon Video Analytics for Active Shooter Detection

IronYun's **AI weapon video analytics** accurately identify weapons in real time and generate alerts when a gun or knife enters the camera's field of view. The weapon video analytics can be used in many types of public access areas, such as school campuses, transportation hubs, airports, theme parks, national landmarks, entertainment venues, shopping centers, tourist attractions, banks, and corporate facilities.

With the capability to process both real-time and historical data on demand, the **weapon analytics** solution is valuable in providing active shooter detection warnings **before** the actual shooting incidents can occur, effectively enhancing proactive measures to save lives.



Features

Analytics & alert features:

- Detect hand gun, shot gun, rifle, assault rifle, machine gun, and knife that appear in the footage from standard video surveillance IP or analog cameras
- Provide critical video images to handle active shooter events in real time
- Detect weapons in real time across multiple cameras(< 1 seconds) and send alert to any SMS, smart phone, and/or e-mail servers
- Provide a simple-to-use Graphical User Interface (GUI) for alert generation
- Support mobile app for smart phones (iPhone, Android) to enable detection and receive alert on the go

Integration:

- Fully integrate with IronYun AI NVR product line
- Integrate with all ONVIF IP-based IP cameras, no special camera equipment required
- Function as a stand-alone appliance or integrate with existing VMS and/or sensor-based detection systems to increase the range of alert actions (lockdown, lighting, siren, etc.)
- Can provide software module for installation and upgrade in IronYun AI NVR appliances
- Can provide software module that can be run on any standard Intel x86 servers with Nvidia or Intel GPU

About IronYun

IronYun is a global leader in highly-secured cloud video and big data solutions for video surveillance applications. Our products have been successfully deployed by many government, university and corporate enterprise customers. And our solutions deliver unmatched performance, scalability and cost savings. IronYun has world-wide offices in the United States, East and Southeast Asia (Japan, Taiwan, Korea, Thailand, and Singapore), and the Middle East.

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