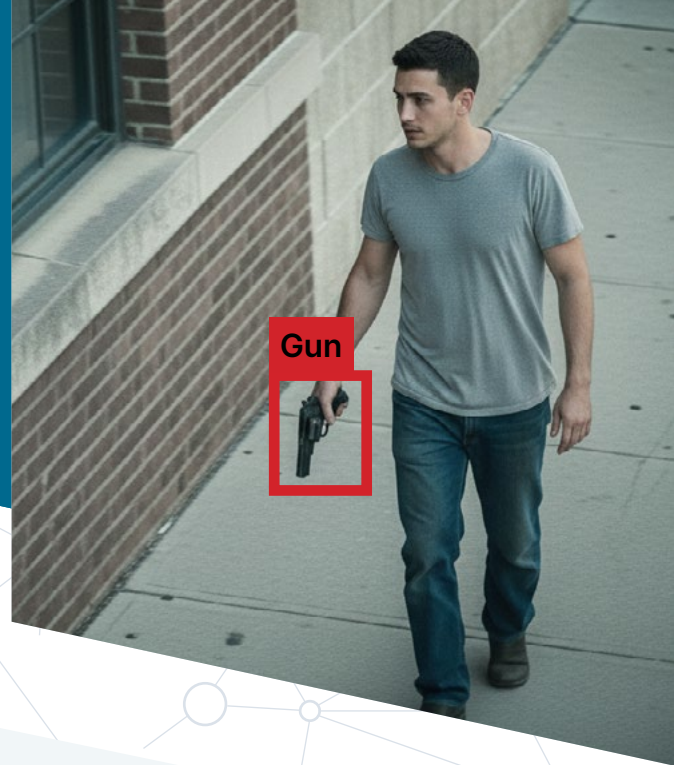




DATA SHEET

# Capture Cloud Gun Detection

Help your customers respond to potential threats



## Turn Existing Cameras into Proactive Threat Assessors

Built into the Capture Cloud VMS, the AI behind Gun Detection is camera-agnostic—working with existing cameras, so there's no need for costly AI hardware upgrades. For low latency, detection runs on AI-capable Capture Bridges and CMVRs at the edge, with a second layer of verification in the cloud to boost accuracy and minimize false alerts.

## Managed in the Capture Cloud Platform or Add to an Existing VMS

Capture Cloud Gun Detection lives in the Capture Cloud VMS, so everything is managed in one easy-to-use interface. But if your customer is currently not using Capture Cloud, you can add Gun Detection to their current surveillance system.

Put your customers' cameras to work—detect firearms faster and help stop threats before they escalate. Capture Cloud Gun Detection adds a proactive layer to any security system, helping protect people when seconds matter.

Traditional approaches are slow, disruptive, and often miss real threats. Even advanced models can flood teams with false alarms. While no gun detection system can guarantee 100% accuracy, Capture Cloud's Gun Detection AI models are built for rapid identification with drastically reduced false positives.

Using triple-layer verification, Capture Cloud's AI-powered, video-based detection accurately identifies brandished firearms and delivers fast, actionable alerts.

## Key Features:

- **Unmatched Reliability:** AI models use millions of data points from thousands of environments to ensure accuracy and continued improvement.
- **Rapid Alerts and Notifications:** Once verified, alerts are sent to the customer's designated contacts or security team in near real time.
- **Human-Initiated Emergency Response:** Optionally, alerts can be sent to a professional monitoring center and/or emergency response team to assess the situation and initiate dispatch.
- **Seamless Integration:** Works with existing surveillance cameras, minimizing additional equipment costs.

# How Triple-Layer Authentication Works

1



## Rapid Edge AI:

Capture Bridges/CMVR-based AI identifies suspected firearms in real time.

2



## Deep Cloud AI:

A powerful cloud AI model analyzes suspected firearms to obtain high-accuracy detection.

3



## Human Verification:

A trained specialist makes a final determination after reviewing images and video.

## SUPPORTED HARDWARE

	Total number of supported cameras	Number of cameras with Capture Cloud Gun Detection analytics*	Local Storage**
401ai Bridge	20	5	2 days of video buffering
420ai CMVR	20	5	24 TB (30 days for 35 cameras at 4MP)

\*Refers to the maximum number of cameras and analytics supported on the Bridge/CMVR when utilizing Gun Detection.

\*\*Please reach out to ADIServices@adiglobal.com for assistance.

EN-ANA-035-1	Capture Cloud Gun Detection Monthly
EN-COM-012	Capture Cloud VMS Gun Detection Implementation Service & Training

## Use cases:

- Educational Institutions:**  
 Provide an additional layer of security for schools, universities, and campuses, helping increase student and staff safety.
- Retail and Banking:**  
 Proactively detect gun threats in high-value environments to protect customers and assets.
- Religious Institutions:**  
 Protect places of worship, including churches, mosques, synagogues, and temples, by detecting potential threats early.
- Mission-Critical Infrastructure:**  
 Enhance security in power plants, water facilities, and other high-risk environments.
- Public Safety:**  
 Monitor public spaces like airports, schools, and shopping malls for potential firearm threats.
- Transportation:**  
 Ensure safety across transportation hubs, such as train stations and bus terminals.
- Corporate Offices:**  
 Strengthen workplace safety by monitoring key entry and exit points.