



ZEROEYES

# AI GUN DETECTION:

## THE 21ST CENTURY FIRE ALARM

**EARLY WARNING TECHNOLOGY HAS SAVED LIVES IN THE PAST. IT'S TIME TO SOLVE TODAY'S PROBLEMS WITH NEW SOLUTIONS.**

### A CENTURY OF FIRE IN THE U.S.

**8,600+**

The estimated number of victims who perished in the top 50 deadliest U.S. fires from 1870-1970.

**18,000**

The number of buildings destroyed in the Great Chicago Fire, before early warning systems.

**1 IN 10**

The odds of perishing in a house fire in the early 1900s, before home smoke alarms.

**1902**

George Andrew Darby patented the first heat and smoke detector in Birmingham, England

**1915**

The public still faced a 1 in 10 chance of perishing if their home caught fire

**1951**

The first ionization smoke detectors were introduced to the market (and extremely expensive)

**1960s**

Studies demonstrated that smoke detectors responded to fire faster than heat detectors

**1971**

Duane Pearsall developed the first practical home smoke detector: the SmokeGard 700

**1975**

News of life-saving smoke detectors was out - sales jumped to 8 million the next year

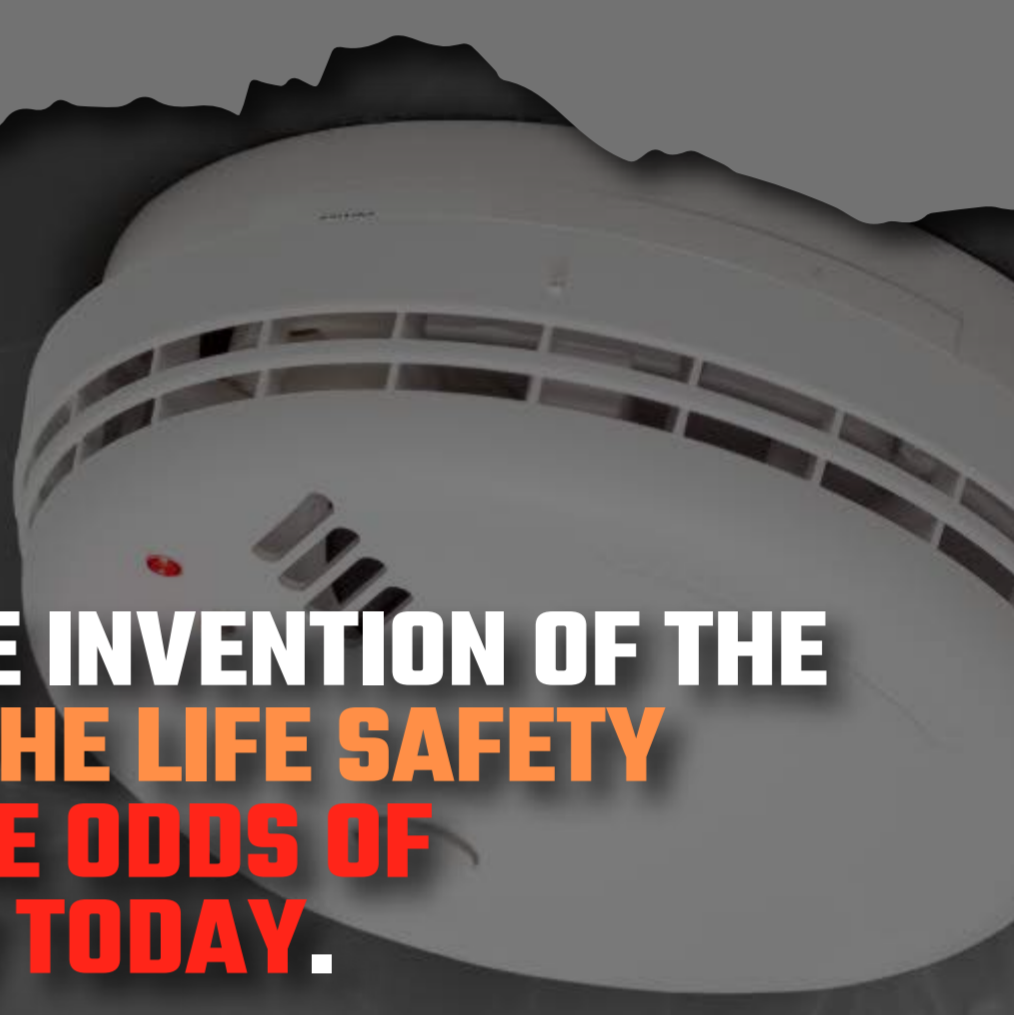
**1976**

The Life Safety Code (NFPA 101) requiring smoke detectors in every U.S. home

<https://www.mysmokealarm.org/smoke-alarm-history/>

**THE TECHNOLOGY LEADING TO THE INVENTION OF THE SMOKE DETECTOR, ALONG WITH THE LIFE SAFETY CODE OF 1976, HAVE REDUCED THE ODDS OF PERISHING IN A FIRE TO 1 IN 1,547 TODAY.**

\*<https://injuryfacts.nsc.org/all-injuries/preventable-death-overview/odds-of-dying/>



### Today, WE FACE A NEW THREAT.

**MASS SHOOTINGS HAVE BEEN ON THE RISE ACROSS AMERICA IN RECENT DECADES, AND THE NUMBER OF VICTIMS CONTINUES TO CLIMB.**

Since 2013, there have been:

**651**

mass shootings

**2696**

fatalities

**940**

injuries

(Gun Violence Archive & Statista)  
Four or more fatalities and injuries combined  
November 28, 2021

### THE DEADLIEST MASS SHOOTINGS IN U.S. HISTORY

<b>LAS VEGAS SHOOTING</b>	<b>ORLANDO NIGHTCLUB SHOOTING</b>	<b>VIRGINIA TECH SHOOTING</b>	<b>SANDY HOOK ELEMENTARY SHOOTING</b>	<b>COLUMBINE HIGH SCHOOL SHOOTING</b>
60 victims 867 injuries	49 victims 58 injuries	32 victims 23 injuries	27 victims (20 children) 2 injuries	13 victims (12 children)
October 1, 2017 Las Vegas, Nev.	June 12, 2016 Orlando, Fla.	April 16, 2007 Blacksburg, Va.	December 14, 2012 Newtown, Conn.	April 20, 1999 Columbine, Colo.

### AMERICA LEADS HIGH-INCOME NATIONS IN GUN VIOLENCE



While mass shootings account for a fraction of the country's gun deaths, they're uniquely terrifying because they happen without warning in the most unsuspecting places.



The majority of victims aren't chosen for what they've done but simply for where they happen to be, including: school, work, grocery shopping, traveling, at a salon or a sporting event.



In the 50 years before the Texas tower shooting in 1966, which claimed the lives of 15 people, there were just 25 public mass shootings in which four or more people were killed.

<https://www.washingtonpost.com>



3 million children are directly exposed to gun violence each year, resulting in death, injury, and lasting trauma.

Katherine Fowler, et al., "Childhood Firearm Injuries in the United States," Pediatrics 140, no. 1 (2017)



**THE SOLUTION: AN EARLY WARNING SYSTEM — LIKE A FIRE ALARM — TO PROACTIVELY WARN OF A POTENTIAL THREAT BEFORE SHOTS ARE FIRED.**

### THE ZEROEYES AI GUN DETECTION ADVANTAGE

**ZEROEYES' AI WEAPON DETECTION PLATFORM, DEEPZERO™, DETECTS VISIBLE GUNS BEFORE ACTIVE SHOOTERS BECOME A THREAT.**



Uses AI with existing security cameras to detect visible guns



Helps lead people to evacuation points by tracking shooters with GPS camera feeds



Verifies threats with our military trained, 24/7 human monitoring



Directs first responders to precise active shooter locations



Decreases response time by alerting authorities within 3-5 seconds



Allows authorities to lock buildings down as needed



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