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## SHOOTING SPORTS SIMULATIONS

COMPETITION / ENTERTAINMENT / HUNTING / TRAINING

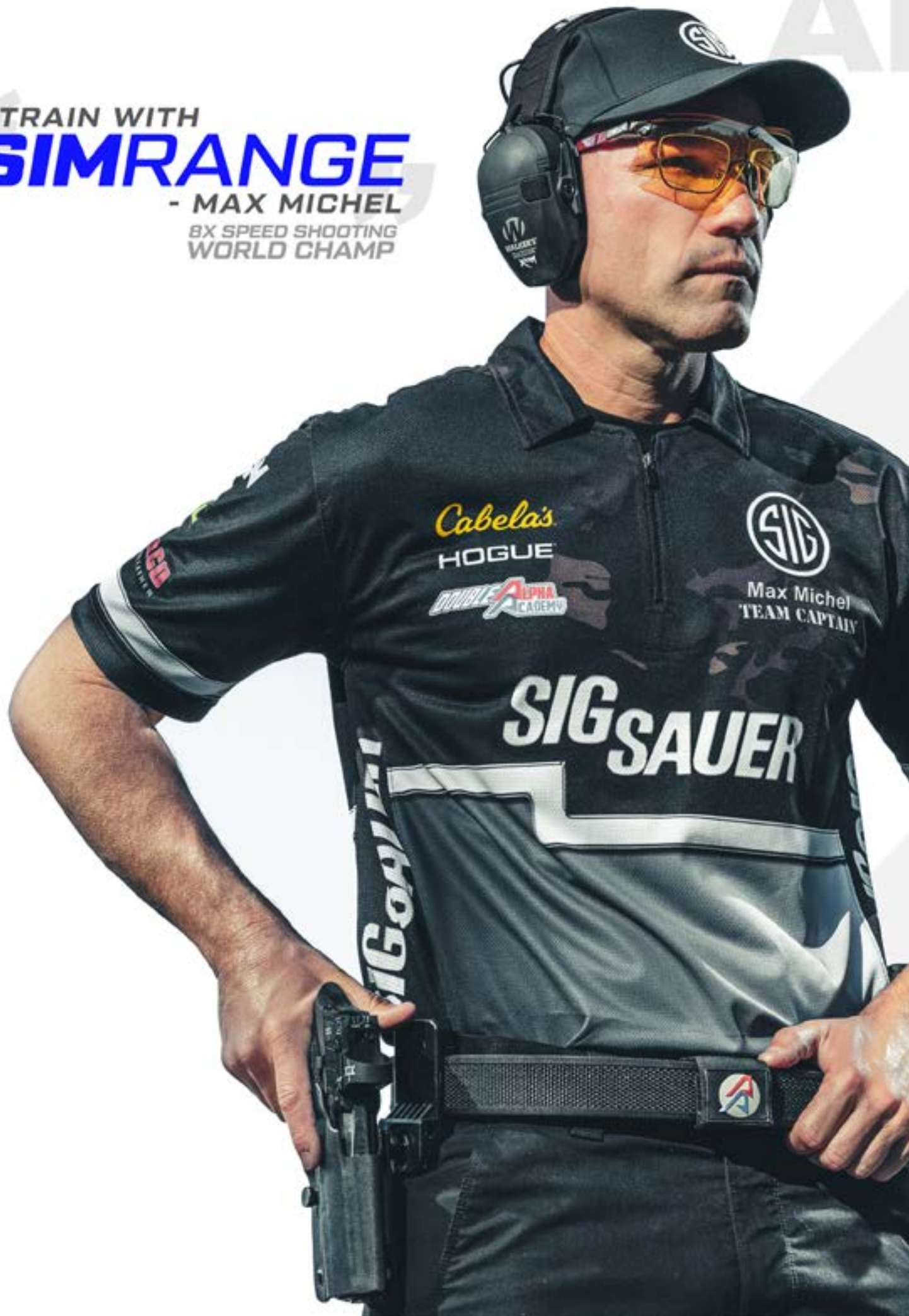


LASER SHOT

I TRAIN WITH  
**SIMRANGE**

- MAX MICHEL

BX SPEED SHOOTING  
WORLD CHAMP



# SIMRANGE PROVIDES TRAINING FOR SYSTEM OPERATION AND FIREARM INSTRUCTION, WITH EMPHASIS ON SAFETY, ETHICS, AND RESPONSIBILITY.

Laser Shot's simulators open portals to exciting hunts, challenging games, and endless entertainment. With countless custom configuration options to choose from, these multimedia systems are ideal for any recreation facility, firing range complex, entertainment venue, home, or lodge and feature gorgeous HD projection, powerful gaming consoles, and lifelike simulated firearms. Ideal for more than just shooting - simulators double as entertainment systems, transforming a room into an immersive theater experience with your favorite movies, shows, and video games.

A variety of simulated firearms are available. Handguns, shotguns, and rifles can all be converted into both dry-fire and recoil configurations, or you can convert your own weapon to (and from) a simulated firearm with a recoil conversion kit.

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**LASER SHOT<sup>®</sup>**

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LAUREN SHOOT SPORTS PRESENTS

# PRO SHOOTER

★ EXPERIENCE ★

- ADRENALINE 01
- ADRENALINE 02
- ADRENALINE 03
- ADRENALINE 04
- ADRENALINE 05
- ADRENALINE 06



**ADRENALINE**

LEADERBOARD   ZERO FIREARM   OPTIONS   PREVIEW   START

**TRAIN LIKE A PRO**

# MAX MICHEL

**WORLD CHAMPION**  
8x SPEED SHOOTING





# COMPETITION SHOOTING

Laser Shot's competition shooting software and simulated weapons were designed with input from the current International Practical Shooting Confederation (IPSC) World Champion as well as five World Speed Shooting Championships among many other titles.

Players are constantly challenged with targets of numerous sizes, multiple-hit targets, moving targets, reduced-size targets, and the stressors of being timed and competing against others.

Software titles like Practical Shooting are not a static virtual target course, but simulate movements to other obstacles and present an array of targets that make it an excellent training tool that encourages players to get better and compete amongst each other.

Max Michel, Jr. is one of the most dominant competitive shooters in the world due to his unmatched mental focus and the unrivaled training methods he's developed throughout his career.

## POPULAR SOFTWARE TITLES



## SIMULATED FIREARMS & CONVERSION KITS



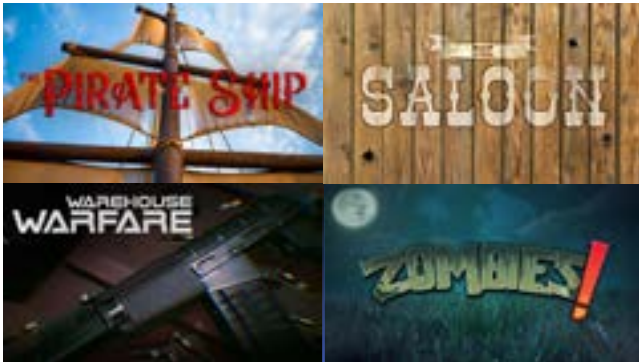
# HOME ENTERTAINMENT

Whether you are seeking to add a multi-use entertainment system in your home or to upgrade your current home theater setup, SIMrange has the custom solution to fit the needs of any customer. Short throw and ultra-short throw technology allows simulators to be installed in rooms of nearly any-size.

If your room already features a projector, SIMrange can seamlessly integrate simulator technology. If you are interested in installing a complete home theater setup to your home, SIMrange will provide a solution that functions as much more. Movies, show, video games and of course, simulated firearm entertainment will all be made available with the installation of a SIMrange simulator.

## POPULAR SOFTWARE TITLES

FULL SOFTWARE LIBRARY ON PG. 16



## SIMULATED FIREARMS & CONVERSION KITS

FULL SELECTION ON PG. 18







# CIVIL DEFENSE

Firearm training for the purpose of civil/self defense has never been more accessible. SIMrange technology enables trainers and users to practice firearm handling, safety and usage any time, anywhere, and without the costs associated with using firearms including ammo, travel and gun maintenance. SIMrange's team of engineers produces a wide range of simulated firearms available in dry-fire and simulated recoil configuration.

**JUDGEMENTAL TRAINING SOFTWARE:** Used by police departments and law enforcement agencies across the globe, JTS is designed to challenge cognition through the use of real life interactive simulated scenarios. The scenarios were designed based on real life exposure to emergent threats in the law enforcement and military communities. As the student reacts to the scenarios presented to them, the instructor has the ability to manipulate the scenario based on the student's presentation of their organizations force continuum.

With over 1000 branching scenarios to choose from in the JTS library, from responding to a domestic disturbance or burglary to more complex branching scenarios such as active shooter and concealed carry scenarios, the instructor has the ability to challenge the student allwhile reinforcing the force continuum.



## POPULAR SOFTWARE TITLES





# SIMULATED FIREARMS & CONVERSION KITS

FULL SELECTION ON PG. 18



**DVORAK**  
AIR RECOIL SYSTEMS  
RECOIL CONVERSION KIT  
(DISCLAIMER NOT INCLUDED)





Boars Wounded 0

Time Remaining: 13



# HUNTER EDUCATION

Experience exciting hunts and hone your marksmanship skills. A variety of software titles are offered for hunters looking to practice anytime and anywhere. Hunt game of any kind in your own home or facility with an installed system, or for those constantly on-the-go, a portable system allows users to quickly set-up in almost any room in a matter of minutes.

Bears, boars, birds and more are all available to be hunted in a simulated environment. The sub-pixel accuracy of patented laser-hit detection cameras ensures maximum realism when firing at targets. A selection of simulated hunting rifles and shotguns is available for hunters of all sizes, and recoil conversion kits can be used to convert your own weapon into a simulated firearm.

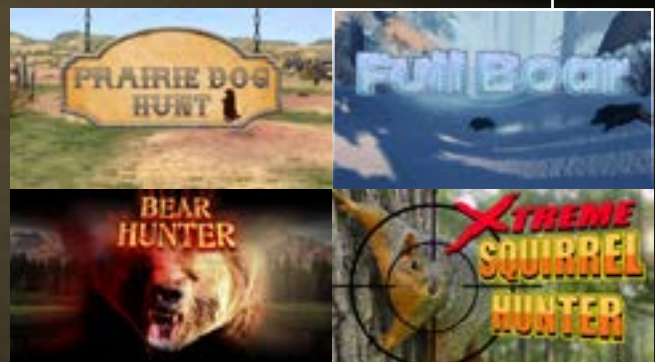
Software titles and simulated firearms are used in conjunction with components including a projector, gaming computer and laser-hit detection camera, to create a complete firearm simulator. No longer are hunters restricted to hunting trips or gun ranges to obtain valuable trigger time that is crucial in maintaining and enhancing one's marksmanship skills. One need not travel beyond the safety and comfort of the indoors. The power of simulation technology can be exploited to allow users the opportunity to practice hunting day or night, rain or shine, in nearly any environment.



## SIMULATED FIREARMS & CONVERSION KITS



## POPULAR SOFTWARE TITLES



# GOLF SIMULATOR INTEGRATION

Do you own a golf simulator in your home or entertainment/training facility? SIMrange technology can be seamlessly integrated into virtually any simulator setup. With the addition of a SIMrange custom mini-gaming PC, laser-hit detection camera/software, simulated firearms, and SIMrange software titles, your golf simulator now doubles as a SIMrange firearm simulator.

Expand the entertainment value of your venue or home theater with access to SIMrange's library of over 175 software titles and selection of simulated recoil and dry-fire firearms. Our team of engineers is standing by ready to turn any firearm into a simulated version, and our software team is hard at work producing courseware to facilitate firearm training and fun titles fit for the whole family to enjoy.





**SIMULATED FIREARMS & CONVERSION KITS**  
FULL SELECTION ON PG. 18



**POPULAR SOFTWARE TITLES**  
FULL SOFTWARE LIBRARY ON PG. 18



  
**LASER SHOT®**

# SIMULATION VENUES

RESTAURANTS · BARS · GOLF STORES/CLUBS · ENTERTAINMENT CENTERS · RANGES

The prevalence of firearm simulators in venues is rapidly increasing across the globe. Many bars, restaurants and even professional sports stadiums/arenas now feature one or more of such simulators, with several newer venues featuring them as the main attraction. CC/self defense trainers and hunting educators are now outfitting their facilities with one or more of these simulators and simulated firearms to provide the most immersive training experience possible.

SIMrange is prepared to equip any size and type of venue with a wide range of simulators, software, and simulated firearms. Ultra-short throw technology enables maximum utilization of limited space, and a library boasting over 175 software titles provides patrons with countless hours of entertainment. Simulated handguns, rifles and shotguns are available in dry-fire configurations, and simulated recoil versions can be used for a more realistic experience.







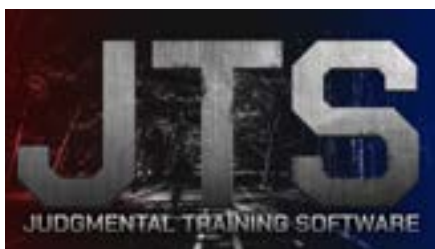
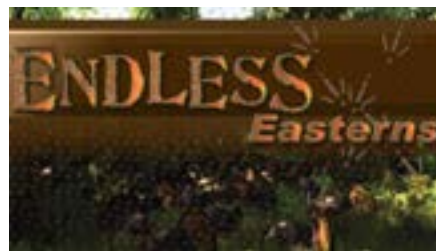
  
**LASER SHOT**



# SIMULATION LIBRARY

## MOST POPULAR TITLE

Practical Shooting Alpha recreates courses on which the world's elite shooting competitors put their mental focus, speed, and accuracy to the test in global leagues like the International Practical Shooting Confederation (IPSC) and the International Defensive Pistol Association (IDPA).





With an extensive library of software to choose from, SIMrange has a title for every user. Test your skills on professional shooting courses, practice hunting big game, or fight cowboys and pirates with the whole family.

Hunter Education software is available for hunting educators, as well as the Judgement Training Software library, which offers over 9000 branching scenarios, used by Law Enforcement to practice use of firearms in high intensity situations. The United States military use several of SIMrange's training coursewares to practice and qualify for firearm standards.



**NEWEST TITLE**

Fight off hordes of bloodthirsty zombies in this action-packed arcade-style simulation! Select from a variety of simulated firearms and enjoy a horror-themed night of fun with friends and family on your SIMrange.

Choose between two maps, Basement and Shipyard. Put your survival skills to the test against endless waves of zombies in the unlimited time mode, or try the timed mode and shoot for the high score in 150 seconds.



# SIMULATED FIREARMS

## DRY-FIRE

Designed by firearm engineers to replicate the form, fit, and function of prolific polymer-framed sidearms, SIMrange's line of simulated pistols instill unforgettable muscle memory into the user with their true-to-life trigger weight, take-up, and reset. These simulated firearms can be outfitted with the user's choice of a visible laser for standard dry-fire training or an 850nm infrared laser for integration with SIMrange virtual firearm training simulators.

## SIMULATED RECOIL

Laser Shot is the first simulator company to design our pneumatic recoil to be filled inside barrel reservoirs instead of the magazines. The barrel reservoirs can be filled with an adapter on a Co2 tank with siphon tube. Since magazine changes are required more frequently during normal training, the seals are commonly worn out and cause increased air leaks. Laser Shot improved this feature by leaving the magazines inert and constructed air reservoirs inside the barrels.

No additional accessories to the weapon are required that would not normally be standard issue. This design allows for a higher fidelity simulated weapon. Synthetic audio is not necessary because the mechanical action is sufficient to replicate the cracking of the weapon being fired, assisting in working toward mitigating flinching or anticipation of recoil.

### DRY-FIRE HANDGUNS

**SIM7**  
DRY-FIRE



**SIM8**  
DRY-FIRE



**SIM M17**  
DRY-FIRE



**SIM M18**  
DRY-FIRE



**1911**  
DRY-FIRE



**M9**  
DRY-FIRE



### RECOIL HANDGUNS

**M9**  
RECOIL



**P320**  
RECOIL



**GLOCK 17**  
RECOIL



**GLOCK 19**  
RECOIL



### LONG GUNS

**SIM4**  
DRY-FIRE



### RECOIL

**M4**  
RECOIL



**M4 SBR**  
RECOIL



### RIFLES

**BOLT-ACTION RIFLE**  
DRY-FIRE



**MEDIUM RIFLE**  
DRY-FIRE



**STANDARD RIFLE**  
DRY-FIRE



**SMALL RIFLE**  
DRY-FIRE



### SHOTGUNS

**SIM870**  
DRY-FIRE



**870**  
RECOIL







Use a CoolFire Recoil Conversion Kit to convert your personal firearm into a simulated handgun. Build unforgettably muscle memory and marksmanship skills with this tetherless recoil kit purpose-built by CoolFire to fit your privately-owned handguns.

**COMPONENTS INCLUDE:** Barrel with built-in, refillable Co2 reservoir and refill port located at the end of the muzzle (15-25 shots before noticeable decrease in recoil)



Dvorak Recoil Conversion Kits feature refillable Co2 reservoirs inside of the magazine, mitigating time spent refilling after the reservoir has been depleted. With multiple full magazines at the ready, simply eject the empty mag and insert a full magazine to simulate a real magazine swap with your simulated recoil firearm.

**PISTOL KIT COMPONENTS:** Replacement barrel and 2 magazine containing refillable Co2 reservoirs (25-30 shots before noticeable decrease in recoil).



**RIFLES:** With purchase of a rifle Dvorak kit, SIMrange supplies and outfits complete uppers from real firearms with Dvorak kit installed.



UTM kits are installed inside of real firearm and provide the most realistic simulated recoil of all our recoil conversion kit options. Dummy bullet shells are ejected from the bullet ejection port, while a laser is inserted into the barrel for compatibility with a laser-hit detection camera.



**Note:** Recoil Conversion Kits are not compatible with our line of inert SIM firearms (SIM7, SIM M17, etc.)

# SIMRANGE

The SIMrange ST is the best option for those who need to maximize usage of space. With ultra-short throw technology, the UST can be placed as close as 18 inches from the projection surface.

## UST: ULTRA SHORT THROW PROJECTOR

PROJECTION SYSTEM:	DLP
NATIVE RESOLUTION:	1080p
(1920x1080)BRIGHTNESS:	3000 ANSI LUMENS
ASPECT RATIO:	16:9 Format
THROW DISTANCE:	0.33 :1 (DISTANCE:
WIDTH)INSTALL:	FLOOR / CEILING

## ST: SHORT THROW PROJECTOR

PROJECTION SYSTEM:	DLP
NATIVE RESOLUTION:	1080p(1920x1080)
BRIGHTNESS:	3000 ANSI LUMENS
ASPECT RATIO:	16:9 Format
THROW DISTANCE:	0.69 :1 (DISTANCE: WIDTH)
INSTALL:	FLOOR

## i5 MINI GAMING COMPUTER

Every SIMrange simulator requires a custom mini-gaming computer equipped with laser-hit detection/tracking software. Personal computers are not compatible with this software, making this mini-gaming PC an essential component of every SIMrange setup.



## LASER-HIT DETECTION CAMERA

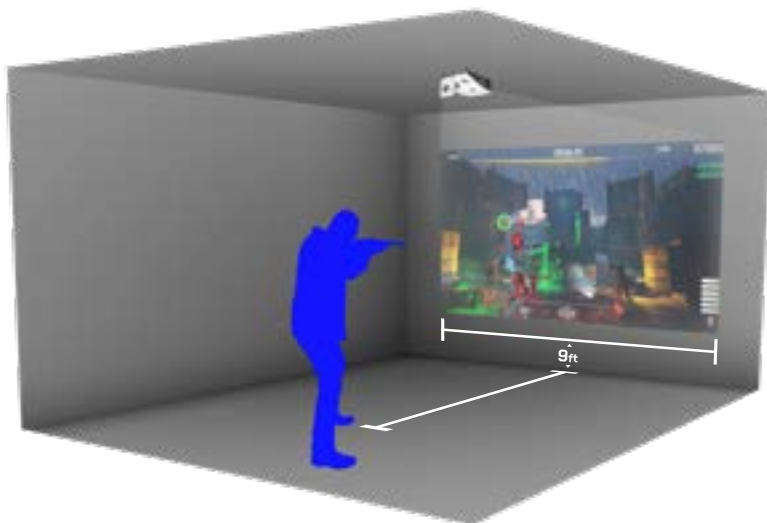
These advanced cameras come equipped with patented laser-hit detection software that enables sub-pixel accuracy when determining shot location in the virtual world of the simulation being projected. These cameras are commonly integrated into the projector to ensure constant alignment and maximum portability.

Integration of the laser-hit detection camera is one of the primary features that make SIMrange simulators industry leaders in setup time and ease-of-use. Non-integrated camera setups are also available and may be preferable if you already own a projector or if portability is not a primary concern.



## LENS OPTIONS

The lens of the laser-hit detection camera is available in two variants. The UST comes equipped with a fish-eye lens, while the ST generally comes equipped with a standard lens. Non-integrated cameras may come equipped with either, and our team of experts will always recommend the lens option that is optimal for your specific simulator setup.



## ROOM WIDTH

The smallest recommended\* screen size is 9', which requires a room of at least equivalent width.

\*Smaller options available upon request

## ROOM LENGTH

The throw ratio (distance from projector to screen) for the UST and ST are:

**UST - 0.33 : 1** (distance : screen width)  
ex. projector 3ft. from wall : 9ft screen

**ST - 0.69 : 1** (distance : screen width)  
ex. projector 6.21ft. from wall : 9ft screen

**Recommended:** Use width of screen to determine distance to stand from screen (ex. stand 9ft back from a 9ft screen).



UST



ST





## CURVE SCREEN

Experience exciting hunts and hone your marksmanship skills. A variety of software titles are offered for hunters looking to practice anytime and anywhere. Hunt game of any kind in your own home or facility with an installed system, or for those constantly on-the-go, a portable system allows users to quickly set-up in almost any room in a matter of minutes.



**DEAD**

**ZOLI**

bradkidd.com



# LASER SHOT<sup>®</sup>

