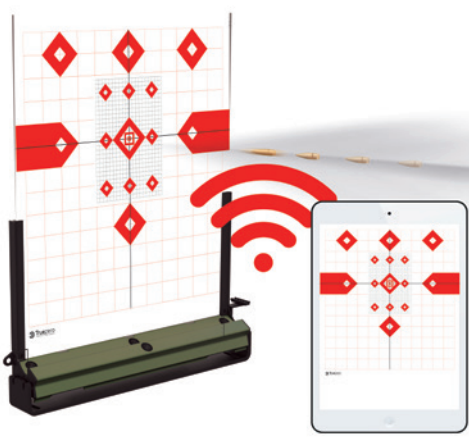# TrueZeroTarget Model RANGE 60cm/100cm

Wi-Fi enabled plug and play electronic target for shooting ranges

True target center — 3mm accuracy — Bullet velocity — No infrastructure — Use with your tablet, smartphone or pc

True Point of Impact displayed:
True rifle zero for hunters

With the TrueZeroTargets open acoustic technology a hunter no longer need to reaffirm the rifle's zero on a paper target after a session on the range.

It's a little-known fact: The closed acoustic systems commonly used for competitive shooting display shot locations relative to the target center as determined by the sensors and not the actual target face.

Consequently, your gun's zero on a closed system is not the true zero you would obtain on a paper target. It may actually diverge by several centimeters in any direction.
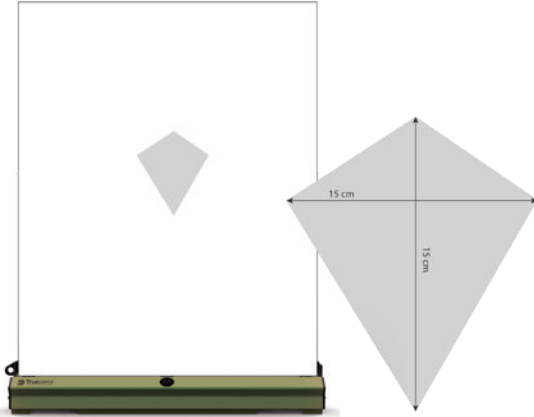
This is of no consequence for a competition shooter who scores hits relative to the display representation of the shot placements. A responsible hunter on the other hand needs the confidence of a true zero while out hunting.

World class accuracy

Individual shot locations are accurate to 3mm at the center of the target. This is far better than one can aim with a scope with 1cm clicks at 100m. It far surpasses the requirements set by the International Sports Shooting Federation. ISSF requires an electronic target system to score shots to an accuracy of at least one-half of one decimal scoring ring. For the 300m rifle target the 9-ring is 5cm wide with required accuracy of 2.5cm. The TrueZeroTarget is with its 3mm accuracy 833% better than required!

Built-in shooting chronograph

The speed capture area returns supersonic bullet velocity at the target with 1% accuracy. There is no need to bring a personal chronograph to the range. If the BC is known the muzzle velocity can easily be derived from the speed reading at the target. The speed reading feature may make the range more attractive to shooters and generate an additional revenue stream for the club.

15 cm

15 cm

Truezero Electronic Target System

STEINERT SENSING SYSTEMS ENGINEERED TO GIVE YOU AN UNFAIR ADVANTAGE

TrueZeroTarget Model RANGE 60cm/100cm

Wi-Fi enabled plug and play electronic target for shooting ranges

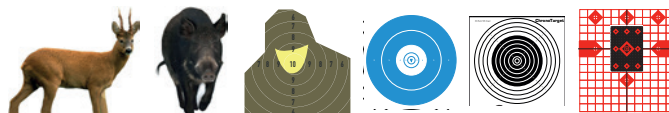### Plug and Play operation, no infrastructure required

Place the TrueZeroTarget sensor bars on tripods or ground attachments. Aim the targets at the shooting positions, turn them on and connect each target with tablet, smartphone or PC via Wi-Fi. That's it! No wiring, target lifters, pit or any other infrastructure required. Perfect for clubs wanting to install electronic sight-in targets on an existing range or to build a range from scratch. The battery lasts for a whole day of shooting.

Easy transition to e-target from paper

If the current bulky and infrastructure-demanding line-up electronic targets have been holding your club back there is now no reason not to make the transition from paper to e-target.

Any target face

Any target face can be printed on 5mm corrugated plastic and used with the built-in target holders.

(Game targets courtesy of Targets.se)

Ordering information

• TrueZeroTarget RANGE 60cm Wi-Fi	SKU 031
• TrueZeroTarget RANGE 100cm wifi	SKU 040
• Permanent ground attachement 60cm	SKU032
• Target 60x60cm. Polish infantry figure	SKU033
• Target 60x60cm. 300m rifle target	SKU034
• Target 60x60cm. 300m F-Class	SKU035
• Target 60x60cm. 100m zero target	SKU036
• Sight rail for target alignment	SKU037
• Replacement target holder	SKU038

Model Range Wi-Fi 60cm

Sensor type	Ultrasonic transducers
Detection principle	Acoustic supersonic shock wave and temperature compensation
Minimum bullet velocity	440 m/s (Mach 1.3)
Calibre range	4.3mm (.17) to 84mm
Precision	+-3mm at center, +-9mm at extreme edges of detection area
Detecting Window	Max 4m wide x 3m high. Software configurable
Projectile velocity	+- 1% precision for hits in speed capture area
Target size	As detectiing window or smaller. 65cm wide x 82cm high standard size for integrated target holder on 60cm model
Target face	Any, software configurable
Target face material	Corrugated plastic or cardboard for integrated target holder
Data transmission	Wi-Fi IEEE 802.11 b/g 2.4GHz
Wi-Fi Mode of operation	Infrastructure mode
Acces mode	IP address
Wi-Fi range	Up to 300m with 18dB antenna depending on conditions, unlimited with access points and repeaters
Theft protection	Isolation barrier using WPA2 encryption and Dual SSID AP setup
Scoring software	Android, iOS or Windows operating system Win7 to Win10 compatible
Delay from shot to presentation	Optimal network conditions ←3s
Monitor	Smartphone, tablet, PC or Range Control System
Size	700x120x106mm for 600mm model
Weight	4.0kg for 600mm model
Power	Battery or 100-230VAC 50-60Hz using power adapter
Battery	Built in LiFePO4 3.2V 12000mAh
Battery life	Up to 16 hours continous operation, depending on temperature
Start up	←10 sec
Environment rating	IP67
Compliance	CE, FCC class A
Operating temperature	-20 to +40 °C
Temperature sensor:	Integrated as default or external software configurable
Shot timestamping	1 ms resolution
Control port	9VDC/GND ON/OFF or external voltage sink.
Muzzle flash simulator option	Yes, via control port
Target lighting option	Yes, via control port

CE FC Made in Sweden

All product, product specifications and data communicated by Steinert Sensing Systems AS in any form on any media are subject to change without notice to improve reliability, function or design or otherwise.

Truezero Electronic Target System

STEINERT SENSING SYSTEMS