



Armor Location Of Miss And Hit (LOMAH)

As the long-standing industry leader in indoor and outdoor shooting ranges, InVeris Training Solutions designs, equips and installs range systems around the globe.

The Location of Miss and Hit (LOMAH) system adds shot scoring to improve training and increase throughput. LOMAH is available as a retrofit capable kit or LOMAH controlled integrated InVeris target system. This means easy and quick installation with little downtime and lower cost of installation. The system measures the location of a bullet's supersonic shock wave passing over the microphone sensor array. The LOMAH bar is attached below the height of the lifter, protecting the microphone array from bullets.

InVeris' LOMAH system registers the passing of the bullet, computing the bullet's location (X, Y coordinate) and presents a graphical image of shot location on the target, appearing on the shooter's Firing Point Computer (FPC). Rounds are scored at angles up to +/- 20 degrees to allow engagement of angled targets moving across the range.

This provides the shooter and instructor with immediate feedback of the shot location via the FPC on the firing line. The bullet's measured location provides the

shooter the information needed to accurately display shot grouping and zeroing of weapons more effectively. Single shots and bursts are recorded as well, resulting in improved target engagement skills. The system can be used for a wide variety of ammunition, from 5.56mm to 120mm caliber.

InVeris' LOMAH system provides an impressive array of features, including:

- Quick and easy installation on new or existing ranges
- Ethernet or Wi-Fi communication for quick, robust communication without latency in receiving results
- Individual replacement of sensor modules for less expensive and faster maintenance of the system

LOMAH Stand-Alone Electronics

InVeris Training Systems' LOMAH detects the location of supersonic round hits and misses passing through an acoustic detection window on and around a designated target, without the round having to make contact with the target. Rounds are scored at angles up to +/- 20 degrees to allow engagement of angled targets moving across the range.

LOMAH may also be referred to as:

- Automatic Marking System (AMS)
- Projectile Location System (PLS)

TRCS Product Specifications	
Specification	Value
Caliber	Typical 5.56mm to 120mm caliber
Projectile Velocity	At least 450 m/sec (1,476 ft/sec) at the target
Detection Zone	Adjustable, typical detection window is 4 X 3 m (13 X 10 ft)
Detection Rate	1200 round per minute maximum
Accuracy, Perpendicular	Average radial tolerance <150mm in the target area wind conditions <1.5 m/s
Power Supply and Electronics	Options Available: <ul style="list-style-type: none">▪ Separate enclosure powered by +12 V▪ Separate enclosure powered by POE
Standard Communications	Ethernet 100 BaseT
Operating Temperature	-25C to 70°C (-13° F to 158° F)
Storage Temperature	-40°C to 70°C (-40° F to 158° F)
Enclosure Rating	IP67
Software	Works with InVeris RangeMaster™ ,Visual Shot, TRACR, FASIT and RISSCON-T software.