



Location of Miss and Hit

The LOMAH 2020 is a high-accuracy system for detecting incoming fire and calculating the location of hit and miss.

PRODUCT CATEGORY

TRAINING

High-accuracy system



LOMAH improves shooter training and gives exercise control information of how training units performed in terms of target acquisition and time from observation to hit.

The system is equipped with eight microphones that detect the sound wave from the supersonic bullet and uses the time difference between the microphones in the array to calculate the position of the bullet. LOMAH can be connected to all W5 Solutions pop-up targets.

Specifications

Target Hit Area (w × h)	1 400 × 2 400
Near Miss Area (w × h)	4 000 × 3 000
Projectil's Caliber	5.56–12.7 mm
Minimum Velocity	450 m/s
Rounds Per Minute	>1 000
Detecting Reliability	>95% with firing rate of at least 900 rounds/minute
Timestamp Accuracy	±1 ms
Target Precision	±8 mm @ azimuth ±15°, elevation ±5°
Angular Offset Error	Azimuth (horizontal): 0.5 mm/degree Elevation (vertical): 0.5 mm/degree
Operating Voltage	10–30 V DC
Operating Temperature	–30 °C to +40 °C

W5 SOLUTIONS AB
Jakobsdalsvägen 19, 131 52 Nacka Strand
Box 1156, 131 26 Nacka Strand

+46 8 650 08 88
info@w5solutions.com

