

LASER ENGAGEMENT RECEIVER – LER For INSTRUMENTED TRAINING SYSTEMS

The Laser Engagement Receiver (LER) is an adapter to existing TTS targetry equipment. It has been developed to communicate and interact with laser engagement emitters such as Miles 2000, Saab BT 46 & alternative systems.

Laser Engagement Systems are training system providing a realistic battlefield environment for soldiers involved in training exercises using eye safe laser. Laser transmitters are attached to each individual and vehicle weapon system and accurately replicate actual ranges and lethality of the specific weapon systems.

The individual information is transmitted in a laser beam and received by the Laser Engagement Receiver attached to a TTS Target Mechanism. When the laser beam hits a detector, the laser decoder unit records a kill or a near miss and, depending on the weapon, the coordinates.

TTS Laser Engagement Receiver are sensitive to the source of fire. For example, the laser beam simulating a soldier firing an M16 rifle will not register on a receiver mounted to a target silhouette of an armored vehicle.

The TTS Laser Engagement receiver set consists of a laser sensor unit (LSU) with a retroreflector and a laser decoder unit (LDU). According to the dimensions and armor of the equipped target various target templates can be chosen to allow appropriate reaction.

Technical Data:

Hardware Specifications

- Supported Systems
- MILES 2000
 - OSAG Code (e.g.: Saab BT 46)
 - Other instrumented laser target systems

Dimensions (w) 235 mm
LSU (d) 80 mm
(h) 80 mm

Dimensions (w) 195 mm
LDU (d) 120 mm
(h) 44 mm

Power Supply Battery or Mains Supply

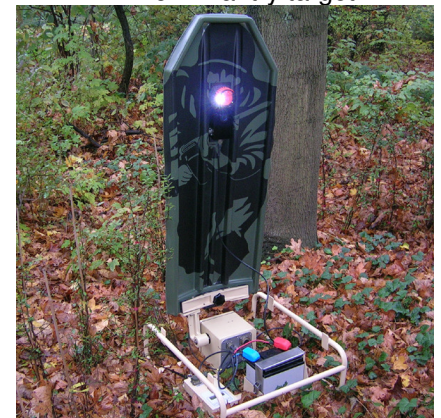
Environmental Standard

	operational	non-operational
Temp (Min.)	-20°C	-20°C
Temp (Max.)	+55°C	+55°C
Enclosure	IP 65 compliance	

LER for instrumented training



LER on Infantry target



LER on Tank target

