Live Fire Training

SCOPUS 200 – Infantry Targets/Moving Targets

Scopus 200 robotic platform with tracks and without target lifter and target.

Your live fire training requirements are as individual as your teams are. The target system you choose needs to adapt to these requirements and provide enough autonomy to react with reliable mimicry of human behavior. SCOPUS 200 is a deployable, robotized moving infantry target equipped with GPS and LIDAR navigation options, that features the adaptive behavior you expect while delivering an excellent price-performance ratio.

SCOPUS 200 is easily adapted to variable configurations according to your individual training needs.

Features

- Realistic mimicry of human behavior
  - Semi-autonomous behavior (waypoint navigation)
  - Learning mode (waypoint creation)
  - Reaction to gunfire (engage or retreat)
- Easy transport, free of any special infrastructure (in contrast to rail-trolley targets)
- Compact design, allowing both indoor and outdoor applications
- High level of mobility on different types of terrain
- Quick access to battery compartment
- Conversion for live simulation training purposes possible
- Rental or Training as a Service (TaaS) on demand

Scopus 200 with 3D target and mock-up rifle dismounting from transport vehicle.

Together ahead. RUAG

Technical Data & Specifications

Dimensions
(length × width × height)

781 × 676 × 1650 mm (includes target lifter mechanism and 3D target)

Weight

~200 kg (with batteries)

Max. speed

12 km/h

Power supply

1 × 24 V extractable battery (target lifter mechanism)

1 × 24 V extractable battery (robotic platform)

Power autonomy

Up to 5 h, depending on terrain characteristics

Radio range

3000 m LOS @ 866 MHz (500 mW)

Ballistic protection level
(core components)

5.56 × 45 mm (.223 Remington)

7.62 × 51 mm (.308 Winchester)

9 × 19 mm (9 mm Parabellum)

FX ammunition

Approved ammunition & caliber types

5.56 × 45 mm (.223 Remington)

7.62 × 51 mm (.308 Winchester)

9 × 19 mm (9 mm Parabellum)

FX ammunition

Incendiary, explosive or armor-piercing ammunition must not be used.

Target lifting / falling time

1 s

Target wind resistance

Up to 40 km/h direct wind speed

Temperature range

-20 °C / +40 °C (operation)

-30 °C / +75 °C (storage)

Terrain compatibility

Asphalt, gravel, soil, turf, sand and snow

Maneuverability

Frontal slope = 60 %, lateral slope = 30 %

Navigation

GPS RTK

LIDAR SLAM

Safety

Obstacle detection and avoidance

Anti-ricochet rubber plates (optional)

Options

Remote control per hand-held radio controller or per tablet-joystick (see RCS product)

Mission/scenario planning & After Actions Review (AAR) capability (see RCS product)

Battlefield effects simulation through integration of sound and/or light effects

Anti-ricochet rubber plates

Tracks kit for snow and sand terrains

Conversion for live simulation training purposes (see GLADIATOR product line)

RUAG Simulation & Training AG | RUAG MRO International
Marketing & Sales | Stauffacherstrasse 65| 3014 Bern | Switzerland
s-t.defence@ruag.com
www.ruag.com/s-t

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