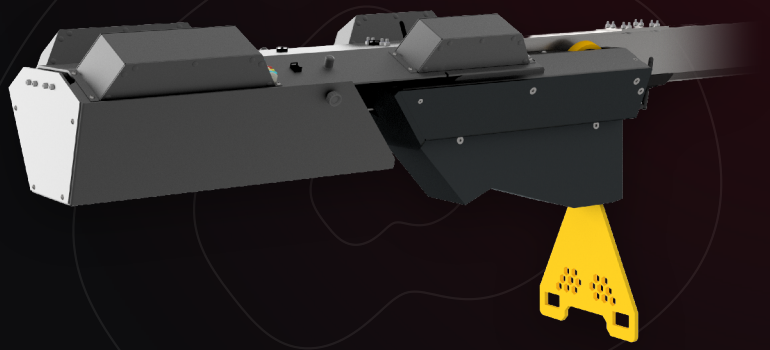
RANGETECH



Nucleus

Wireless target carrier

An armoured, wireless target carrier (target retrieval system) for indoor and outdoor ranges. Designed for facilities with high training intensity: military, police and commercial.

Key features

Scenarios. Target movement is synchronised with lighting, target turning and the response to hits.

Expansion. The modular design, optional equipment and replaceable assemblies allow functions to be extended during operation.

Control. A firing point, a group of firing points or the entire range is controlled from the RangeTech Master application, on a tablet or computer, with nothing to install.

Design

Ballistic shields. The armoured front shield and side shields protect the drive unit and electronics against the effects of accidental fire and ricochets.

Panel rails. Installation without welding or grinding. A damaged panel is replaced on site.

Target holder. Non-ricochet design. An optional magnetic version shortens target changes.

Power supply. On-board battery, charged automatically while parked in the docking station. No power or signal cables are installed along the firing lane.

Optional equipment

720° target turner. Turns the target 360° in both directions, relative to any direction of fire, including with side and mobile bullet traps.

RGB lighting. Adjustable colour and intensity, strobe mode. Indicates active targets and changes during the scenario.

Target camera. The image is shown on firing point computers and tablets, in the same application as the controls.

Hit sensor. A hit triggers movement, turning, a lighting change or the next stage of the scenario.

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Technical data

Drive	electric, on-board battery
Charging	automatic, in the docking station
Speed	stepless speed control 0-100 %, up to 7 m/s*
Target positioning	positioning in 1 m steps along the entire firing lane
Firing lane length	from 5 m, typically up to 500 m, longer lanes on request
Rails	panel rails, installation and replacement without welding
Shields	armoured front shield, side shields
Operating temperature	-20 to +60 °C
Control	RangeTech Master, on a tablet or computer, with nothing to install
Operating modes	individual, group, scenario
Calibration	automatic, with self-diagnostics

* Maximum speed depends on the firing lane length, device configuration and operating conditions.

Service

Replaceable assemblies shorten diagnostics and repair. We provide remote technical support.

Integration

Part of the RangeTech system. Works with the Basic target carrier, RangeTech Light lighting, range sound and reactive targets. Controlled from the RangeTech Master application.