

Press release

Paris, June 15, 2026

URBAN DRONE DEFENCE (UDD): Effective Drone Defence in Urban Areas

Recent developments clearly show that drones – whether military or commercially available – are becoming a growing threat to critical infrastructure, armed forces, and public spaces. Many counter-drone solutions on the market are either highly specialized or come with limitations in range, flexibility, or safe use in complex environments. In particular, urban settings remain a challenge when it comes to avoiding collateral damage. RWS addresses this with a practical, kinetic solution.

The URBAN DRONE DEFENCE (UDD) product line is designed to counter improvised and commercially available UAVs, especially in urban and suburban areas. With an effective range of up to 300 meters, UDD allows for controlled engagement while reducing the risk to people and surroundings. The system is designed to limit background hazard and keep collateral damage to a minimum.

Its lightweight and robust design makes it easy to handle and deploy. This makes UDD well suited for scenarios such as protecting public areas, securing critical infrastructure, or supporting military and security operations.. Thanks to the targeted use of low-emission components, such as the patented SINTOX primer, it also offers the user a reduction in pollution to an absolute minimum.

The innovative product solution offers 2 x 2 variants in 7.62 x 51 calibre for different application scenarios:

- UDD LIGHT (1.0g / 15 gr), particularly suitable for distances of up to 100m in densely populated inner-city areas, available with respective tracer product solution
- UDD HEAVY (3.7g / 57 gr), particularly suitable for medium distances of up to 300m for defending suburban or rural areas, available with respective trace product solution

The most important UDD features at a glance:

- Effective and cost-efficient solution against improvised and small commercial drones
- Polymer projectile with tombac semi-jacket for the protection of property, critical infrastructure, and public areas
- Reduced background risk: significantly smaller danger zone compared to conventional 7.62 × 51 ammunition
- Reliable performance in externally powered machine guns with high rates of fire
- Tracer visible from the muzzle
- Reduced use of toxic substances, REACH-compliant
- X-ray detectable projectile
- Available in different configurations – from LIGHT (effective range up to 100 m) to HEAVY (up to 300 m), including tracer options

RWS – Ignition Technology since 1886

RWS GmbH is one of the leading international manufacturers of small-calibre ammunition, ammunition components and pyrotechnic elements for hunting, sporting and industrial applications as well as for government, military authorities and agencies. The company, founded in 1886 as Rheinisch-Westfälische Sprengstoff-Actien-Gesellschaft, has been part of Beretta Holding since 2022. Further information on RWS GmbH <https://www.rws-technology.com/en>

With more than 50 global subsidiaries, **Beretta Holding Group** stands as a world-renowned leader with a distinguished reputation in the fields of hunting, sports shooting, and defense & law enforcement sectors thanks to its wide selection of premium products. More information on Beretta Holding Group: press@berettaholding.com / <https://berettaholding.com>

RWS is a proud member of the **Beretta Defense Technologies (BDT)** alliance, a strategic collaboration of Beretta Holding companies engaged in supporting the Defense and Law Enforcement community through designing, manufacturing and distributing advanced weapon systems, ammunitions, (electro-) optics, clothing and accessories. Masters of excellence and innovation, these companies have focused their combined technical expertise to become a single source partner to supply governments and agencies with strategic tools to address the requirements of modern combat and policing. More information on Beretta Defense Technologies: <https://www.berettadefensetechnologies.com/>

