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Rheinmetall Paramir – a multifaceted, effective, weapon-independent illumination and signalling system for military and police use

For the first time ever, Rheinmetall will be presenting Paramir, its versatile new family of signalling and illumination rockets, to a large group of experts at EnforceTac 2023. These compact, lightweight, hand-fired rockets can be launched without a signal pistol. This saves space and weight and enhances operational flexibility, since every team member can send a signal. Moreover, Paramir significantly outperforms conventional signal rockets with respect to effects.

The product family encompasses illumination rockets in the visual and IR spectrums (Illum, IR-Illum), signal stars in a variety of colours, smoke tracers and an NBC alarm variant (white-red-white star with whistle). The Illum rockets reach an altitude of around 100 metres, have a range of about 140 metres and an illumination period of approximately 15 seconds. The illumination performance of the visual signals exceeds 90,000 candelas, while that of the IR-Illum is less than 250 candelas. The smoke tracer rocket has a range of over 180 metres and an effectiveness period of around 15 seconds.



The Paramir family derives from the tried-and-tested 26.5mm signal cartridge. The launch tube is approximately 185 millimetres long and has a diameter of 33 millimetres. Depending on the model, it weighs around 250 grams. To fire it, the user selects the angle and direction of launch, unscrews the cap at the bottom end of the launch unit and releases the rocket by removing the screw cap.

Because of their non-pretensioned fuse device, Paramir rockets are very safe to handle. Moreover, they produce virtually no recoil. Finally, the rockets conform to the stimulations in REACH, the European chemical safety regulation. The first variants have already been delivered this year, while qualification of additional versions is also due to take place in 2023.

Learn more about the Paramir family at Stand 10-527 at EnforceTac, where we look forward to welcoming you!

► Key facts

- A versatile, weapon-independent family of signalling rockets
- Developed for military and police use
- Comes in various versions for different effects
- Rheinmetall qualification takes place in 2023
- Very safe to handle thanks to non-pretensioned fuse mechanism
- REACH-compliant

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