

RV-008

MULTI PURPOSE LOITERING MUNITION SYSTEM (LMS)

For short ranges up to 20 km, the LMS RV-008 is designed to engage soft, semi-hard and hard targets and, thanks to its folding arms, can be easily stowed in a backpack. The High Explosive Dual Purpose (HEDP) warhead combines the effects of an armour-piercing shaped charge with fragmentation, and is complemented by the ESAD (Electronic Safe and Arm Device). The robust ground control system can be enhanced with first-person-view goggles. The LMS is ideally suited for use within a networked system and serves as Close Air Support (CAS) as well as for dynamic target acquisition in accordance with the dynamic targeting and kill-chain process (F2T2E2A).

The standardisation of our LMS product family enables us to utilise certified components, such as the warhead and ESAD (as used in FV-014), across multiple loitering munition platforms. Combined with a robust European/German supply chain, this capability offers a significant time and cost advantage over non-modular solutions.

KEY FEATURES

- High Explosive Dual Purpose (HEDP) warhead
- Built-in battery
- Designed for mass production
- Wolf-pack (Teaming) capable
- Operation in GNSS denied environments
- Automated target recognition (optional)
- Automated terminal guidance (optional)
- Durable in harsh conditions
- Day and night-time operations
- Several operating modes possible
- Small package size

TECHNICAL DATA	
Max take-off weight (MTOW)	15 kg
Max payload	4 kg
Data link range	20 km +
Flight time	20 min (with MTOW)
Sensors	EO/IR
Ceiling height	2,000 m MSL (ISA)
Flight speed	25 m/s IAS (ISA)



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