



# LM-VAMPIR

## VARIABLE MULTI PURPOSE INFRARED

Different missions demand different solutions. With its five laser sources, the LM-VAMPIR from Rheinmetall Soldier Electronics (RSE) covers them all. Three aiming lasers and two laser based illuminators all, ruggedized and packed in a compact full metal case enable the operator to stay ahead of the thread.

It is equipped with a red visible aiming laser, an IR aiming laser, and an IR illuminator (near IR illuminator if diffuser is closed), as well as a short wave infrared (SWIR) aiming laser and a SWIR illuminator. All illuminators provide an electronically adjustable focus, depending on the distance of the target and the field of view of the night vision device.

Due to the integrated Picatinny mount the LM-VAMPIR keeps a low profile and fits close to the outline of modern assault rifles. The LM-VAMPIR features a fully integrated factory aligned laser block, for easy bore sight adjustments.

Eye-safe training mode for effective force on force training. The LM-VAMPIR has a blue coloured safety screw that defines the laser power. In addition, a trigger cable can be used to allow direct operation on the weapon. Further options include Y-cables to interface to a variety of tactical lights, including the RSE TL-MissionLight.

### FEATURES

- Electronically focusable IR illuminator
- IR aiming laser
- Visible aiming laser (green or red)
- SWIR aiming laser and SWIR illuminator (invisible for older NVG)
- Up to 4 lasers co-aligned to bore sight with a single adjustment
- Different laser power modes for training and combat
- Blue safety screw determines laser power, trigger cable optional
- Waterproof up to 30m for 2h (IP68)
- Powered by two IEC CR17345/CR123 batteries

### CONNECTIVITY

- Standard picatinny mount (MIL-STD-1913/STANAG 4694)
- Y-cable: For combination with different weapon lamps (Rheinmetall or third party)

## TECHNICAL DATA

### General

Length x width x height	100 x 65 x 50 mm
Total height from rail	25 mm
Weight incl. battery and rail mount	195 g
Battery	2x IEC CR17345/CR123
Battery life	3 h (Dual IR 30/90 mW)
Waterproof (IP68)	30 m for 2 h
Operating temperature (STANAG 2895)	-32°C to +71°C
Test standard	MIL-STD-810



## MODE DATA

Mode	typ. wavelength	typ. output power	typ. beam divergence
Visible aiming laser <b>red</b>	640 nm	60 mW	0.5 mrad
IR aiming laser	850 nm	30 mW	0.5 mrad
IR illuminator w. electronic focus	850 nm	60 mW	5 mrad to 150 mrad
Near IR illuminator (closed diffuser)	850 nm	60 mW	
SWIR laser	upon request	upon request	upon request
SWIR illuminator	upon request	upon request	upon request

*The laser output power is specified at maximum capacity and can be limited by using colour-coded remote cables.  
All parameters in the tables were measured at room temperature.*



Laser beams can cause damage to your eyes.  
The user is responsible to observe the local safety regulations.

Subject to technical changes, error, and printing errors.

## CONTACT US

For more information or questions about an individual configuration of the Rheinmetall Soldier Electronics products, please contact our sales consultants.

[sales.rse@rheinmetall.com](mailto:sales.rse@rheinmetall.com)

**Rheinmetall Soldier Electronics GmbH**

Bodenseeallee 3 · 78333 Stockach · Germany · [sales.rse@rheinmetall.com](mailto:sales.rse@rheinmetall.com) · [www.rheinmetall.com](http://www.rheinmetall.com)