

# TWINBEAM MKII

## AIMING LASER AND IR-ILLUMINATION MODULE

#### **DESCRIPTION**

More functional, practical and powerful. The new TwinBeam MKII Aiming Laser and IR-Illumination Module will be delivered with two laser markers (e.g. one visible/one invisible) and with infrared LED vicinity illumination. Compact in design and a full aluminum housing with less than 26 mm above the Picatinny rail are important advantages. The adjustment is easy due to the aligned laser block.

#### **CHARACTERISTICS**

- Visible (red or green) laser marker
- Infrared laser marker
- Infrared illuminator
- 2 laser power levels (eye safe up to max. power)
- Operator button and/or trigger cable
- Small, light and sturdy low-profile housing
- Smooth adaptation to different weapons
- Up to 5 hours continuous operation



TECHNICAL DATA				
Light source	Wavelength	Output power	Divergence	Laser class
Configuration 1				
Insert 1 red laser marker	630 – 650 nm	<0.39 mW up to 30 mW	typical 0.5 mrad	1/2/3R/3B
Insert 2 infrared laser marker	820 – 850 nm	<0.67 mW up to 30 mW	typical 0.5 mrad	1/3R/3B
Infrared LED vicinity illumination	780 – 850 nm	2x 40 mW	-	_
Configuration 2				
Insert 1 green laser marker	510 - 540 nm	<0.39 mW up to 30 mW	typical 0.5 mrad	1/2/3R/3B
Insert 2 infrared laser marker	820 – 850 nm	<0.67 mW up to 30 mW	typical 0.5 mrad	1/3R/3B
Infrared LED vicinity illumination	780 – 850 nm	2x 40 mW	-	-
Configuration 3				
Insert 1 infrared laser marker	820 - 850 nm	<0.67 mW up to 30 mW	typical 0.5 mrad	1/3R/3B
Insert 2 infrared laser illumination	820 – 850 nm	>30 mW	mrad tbd	1/3R/3B
Infrared LED vicinity illumination	780 – 850 nm	2x 40 mW	_	-

The range subjects to the output power and the ambient conditions.

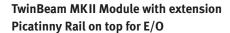
TECHNICAL DATA	
Power supply	1x Battery CR123 (3VDC)
Housing	Material: Anodized aluminum
Colours	Black or FDE or TAN
Operation	Pre-selector for laser type (visible/infrared), IR illumination and for laser output power
	Single push button for activation
	Dimmable control LED
Dimension	79.5 x 59.1 x 25.5 mm (±1 mm), (length x width x height)
Weight	Quick-release clamp ~170 g (±5 g)/bolted clamp ~160 g (±5 g)
Temperature range	−32°C to +49°C
Waterproof	Up to 8 m for 2 hours
Options	Different weapon mounts
	Remote trigger/trigger cables with push button operation (different lengths) and colours
	Picatinny rail extension for additional equipment on top
	Operational handling customizable

### **OPTIONS (EXAMPLES)**

## TwinBeam MKII Module with red dot sight on top











Laser beams can cause damage to your eyes. The user is responsible to observe the local safety regulations. All laser output powers are +0%/-20% over temperature range and battery life.

Technical modifications reserved.

## Rheinmetall Air Defence AG

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