



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 26mm 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 30mW	typical 0.5 mrad	1/2/3R/3B
Insert 2 infrared laser marker	820 – 850 nm	<0.67 mW up to 30mW	typical 0.5 mrad	1/3R/3B
Infrared LED vicinity illumination	780 – 850 nm	2x 40mW	–	–
Configuration 2				
Insert 1 green laser marker	510 – 540 nm	<0.39 mW up to 30mW	typical 0.5 mrad	1/2/3R/3B
Insert 2 infrared laser marker	820 – 850 nm	<0.67 mW up to 30mW	typical 0.5 mrad	1/3R/3B
Infrared LED vicinity illumination	780 – 850 nm	2x 40mW	–	–
Configuration 3				
Insert 1 infrared laser marker	820 – 850 nm	<0.67 mW up to 30mW	typical 0.5 mrad	1/3R/3B
Insert 2 infrared laser illumination	820 – 850 nm	>30mW	mrad tbd	1/3R/3B
Infrared LED vicinity illumination	780 – 850 nm	2x 40mW	–	–

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 ~170g (± 5g)/bolted clamp ~160g (± 5g)
Temperature range	-32°C to +49°C
Waterproof	Up to 8m 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



TwinBeam MKII Module with extension Picatinny Rail on top for E/O



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

Birchstrasse 155 · 8050 Zurich · Switzerland · Phone +41 44 316 22 11
lasersolutions_rad@rheinmetall.com · www.rheinmetall-defence.com