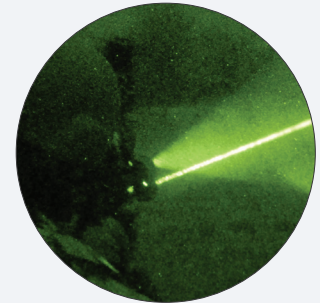


IRIL 1000M

HIGH-POWERED VISIBLE AND INFRARED AIMER/ILLUMINATOR



Display

The IRIL 1000M long-range infrared aimer and illuminator now features a high-powered visible laser aiming channel. This device is designed to reach out to extreme distances to aid in target identification and engagement from ground- and air-based platforms.

Equipped with a Picatinny quick release mount, the IRIL series of illuminators can be mounted on virtually any rifle or crew-served weapon system. The IRIL 1000M has 5 built-in laser patterns to select from to aid in laser identification. The IRIL 1000M has an adjustable beam divergence between 2 and 60 mrad, allowing for immediate transition between wide-area spot scene illuminator and accurate IR laser aimer. Its extremely long maximum range provides significant optical advantage to professional operators in all environmental conditions.

Visible Laser Aimer	IRIL 1000M
Eye safety	3R
Distance, high (m)	500 (night)
Beam divergence, FWHM (mrad)	1
Spot size @ 100m (cm)	100
Wavelength (nm)	532 ±10
Infrared laser Illuminator	
Eye safety	4
Distance, high (m)	30,000
Beam divergence, FWHM (mrad)	2 - 60
Spot size @100m, min divergence / max divergence (mm)	200-6000
Wavelength (nm)	810 ±10
Ballistics	
Windage adjustment step (MOA)	1.6
Windage adjustment range (MOA)	±120
Elevation adjustment step (MOA)	1.6
Elevation adjustment range (MOA)	±120
Retention after 1,000 shots (MOA)	2
Mechanics, Electronics & Environmental	
Dimensions (mm)	154x65x57
Weight without batteries (g)	425
Shock resistance (G)	500
Quick release	Yes
Battery type	1x 18650 Lithium
Battery life, high / low (hours)	2 / 4
Operating temperature range (°C)	-20 to +50 (IR) / -10 to +50 (Green)
Storage temperature range (°C)	-40 to +60
Waterproofing	IP67

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DELIVERY SET

Supplied with the following standard accessories:

- Quick release mount (Picatinny)
- 1x 18650 Lithium Battery
- Charger
- Lens cover
- Remote pressure switch
- Lens cleaning cloth
- Operation manual

DELIVERY SET WITH OPTIONAL ACCESSORIES



Mounted on M134 Minigun



Mounted on H&K 416 Assault Rifle

105 Sparks Ave., Toronto, ON, M2H 2S5 Canada
newconsales@newcon-optik.com, www.newcon-optik.com

Specifications, visuals, descriptions, and technical data are non-binding and may be changed without notice – 2024-01-06
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