

MERLIN-LR

Image Intensifier In-Line Weapon Mounted Night Sight

MERLIN-LR (Long Range) is a lightweight night vision adaptor for military and law enforcement operators who want to retain the use of their existing day scopes.

MERLIN-LR is part of the MERLIN family of Night Vision Products from Excelitas utilizing the latest optical technologies to deliver world leading performance and reliability

MERLIN-LR can be fitted with a wide range of standard and autogating image intensifier tube variants from US and European manufacturers.

MERLIN-LR - Flexible Night Vision Capability



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MERLIN-LR is a high resolution collimated night sight for use in front of an existing day sight, providing the user with a 24 hr capability.

MERLIN-LR can be installed and removed without the need for re-zeroing.

MERLIN-LR ensures a high night time first round hit probability.

MERLIN-LR attaches via a quick release mount onto either a primary or secondary picatinny rail attached to the weapon (other mounting options are available).

MERLIN-LR is powered from 2 commercially available 1.5V AA batteries which provide over 90 hours.

MERLIN-LR controls are easily accessible by the user.

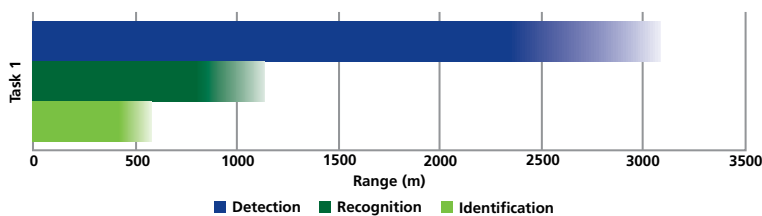
Main features

Magnification: x1
Field of View: 9°
Detection Range - Man: 2040m – Quarter Moon 2940m - Moonlight
Weight (excluding lens cap, rubber boot & batteries): <1450g
Dimensions: 250mm (L) x 86mm (W) x 105mm (H)
Batteries: 2 x 1.5V AA
Battery Life: >90 hours continuous operation @ 20°C Alkaline
Image Intensifier Tube: 18mm XR5
Boresight Alignment: <0.5 MOA (Factory Set)
Accessories: Weapon mount, Lens Cap, Carrying Pouch, Transit Case, Instruction Card, User Manual, Carrying Strap, Lens Cleaning Kit



Range Performance

Man sized target, 50% probability, Full moon, x6.0 magnification (performance is tube dependent)



For technical information contact:

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