

# MERLIN-LR2



Teledyne Qioptiq  
Aerospace & Defense Electronics

01

IMAGE INTENSIFIED  
RANGE



## In-line Night Vision Weapon Sight

**MERLIN-LR2** is a long-range in-line night vision weapon sight from Qioptiq.

MERLIN-LR2 is a lightweight, compact, high resolution collimated image intensified night sight designed for use on a variety of military & law enforcement weapons when mounted in-line with an optical day sight.

### Package

- MERLIN-LR2 Weapon Sight
- Lens Cap and Light Secure Shroud
- Transportation Case and Field Pouch
- Operator Manual
- Lens Cleaning Kit

### Options

- Remote Control
- Daylight Training Filter



ITAR  
FREE

AA+  
X1



White or  
Green  
Phosphor

DISMOUNTED TACTICAL SOLUTIONS

[www.teledyne.com](http://www.teledyne.com)

# MERLIN-LR2



**TELEDYNE**

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## In-line Night Vision Weapon Sight

### Optical Parameters

Circular Field of View:	6°
Focus Range:	25m to infinity
Magnification:	x1

### Sensor

Format:	18mm Image Intensifier
Technology:	Gen II / Gen III / 4G
Phosphor:	P45 (White), P43 (Green)

### Power

Battery Type:	1 x 1.5V LiFeS2 AA
Battery Lifetime:	> 40 hours @ 21°C

### Connectivity

I/O Interface Port:	Remote Control Interface Serial Communication
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### Nominal Size and Weight

Mass:	860 g
Length:	196 mm
Width:	96 mm
Height:	84 mm (above the rail)

*Excludes batteries, lens cap and accessories*

### Finish

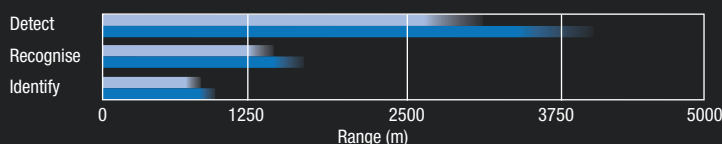
Various paint colours available

### Environmental

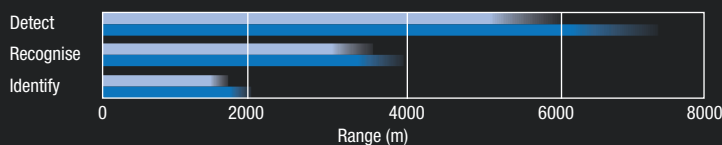
Complies with Military Standards

	Def Stan 00-35
	Def Stan 59-411
	MIL-STD-810
	MIL-STD-461

### Range Performance



Man sized target



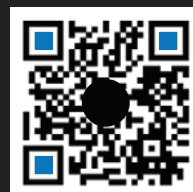
Vehicle sized target



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