

# DRAGON-C12

XR



Teledyne Qioptiq  
Aerospace & Defense Electronics

02

UNCOOLED  
RANGE

## Multi-Role Thermal Weapon Sight

**DRAGON-C12-XR** is a high-performance multi-role system that delivers extended range performance in a compact and lightweight package, utilizing a 640X512 12um thermal core.

**DRAGON-C12-XR** is well suited to longer range sharpshooter and machine gun support weapons, in particular platforms with restricted rail space

### Package

- DRAGON C12-XR Weapon Sight
- Lens Cap and Light Secure Shroud
- Transportation Case and Field Pouch
- Operator Manual
- Lens Cleaning Kit

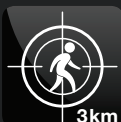
### Options

- Multi-Function Remote Control
- Interface cable



ITAR  
FREE

AA+  
X2



VGA  
12um



DISMOUNTED TACTICAL SOLUTIONS

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

# DRAGON-C12

## XR

**TELEDYNE**  
Teledyne Qioptiq  
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## Multi-Role Thermal Weapon Sight

### Optical Parameters

|                           |                |
|---------------------------|----------------|
| Horizontal Field of View: | 8°             |
| Focus Range:              | 5m to infinity |
| Magnification:            | x1             |

### Sensor

|              |                                     |
|--------------|-------------------------------------|
| Waveband:    | Long Wave IR 8 $\mu$ m – 14 $\mu$ m |
| Resolution:  | 640 x 512                           |
| Pixel Pitch: | 12 $\mu$ m                          |

### Boresight and Image Shift

|                      |          |
|----------------------|----------|
| Boresight Retention: | <0.5mrad |
| Image Shift:         | <0.1mrad |

### Power

|                   |                  |
|-------------------|------------------|
| Battery Type:     | 2 x AA (LiFeS2)  |
| Battery Lifetime: | > 6 hours @ 21°C |

### Connectivity

|                     |   |
|---------------------|---|
| I/O Interface Port: | External Power                              |
|                     | Composite Video                             |
|                     | USB Digital Video                           |
|                     | Remote Control Interface                    |
|                     | Serial Communication for peripheral devices |

### Nominal Size and Weight

|         |        |
|---------|--------|
| Mass:   | 490 g  |
| Length: | 145 mm |
| Width:  | 70 mm  |
| Height: | 70 mm  |

*Excludes batteries, lens cap and accessories*

### Finish

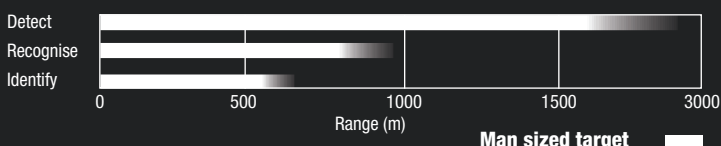
|          |                                      |
|----------|--------------------------------------|
| Paint:   | Cerakote Finish with colour options  |
| Optical: | DLC Optical Coating                  |
|          | Lo-Glint Objective Coating available |

### Environmental

#### Complies with Military Standards

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

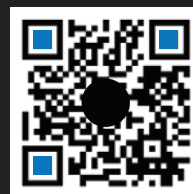
### Range Performance



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