

# DRAGON-C12

XR

EXCELITAS  
TECHNOLOGIES®

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

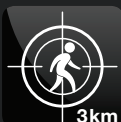
### Options

- Multi-Function Remote Control
- Interface cable



ITAR  
FREE

AA+  
X2



VGA  
12um



Enabling the future through light

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

# DRAGON-C12

## XR

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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 |
| Resolution:  | 640 x 512    |
| Pixel Pitch: | 12µm         |

### Boresight and Image Shift

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

### Power

|                   |                    |
|-------------------|--------------------|
| Battery Type:     | 2 x 1.5V LiFeS2 AA |
| 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

#### Various paint colours available

Cerakote Paint Finish with colour options

DLC Optical Coating

Lo-Glint Objective Coating available

### Environmental

#### Complies with Military Standards

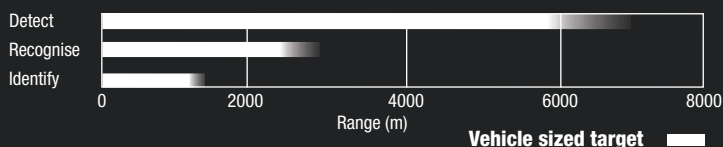
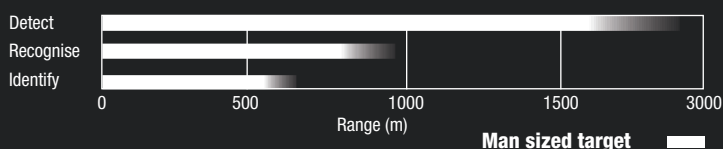
Def Stan 00-35

Def Stan 59-411

MIL-STD-810

MIL-STD-461

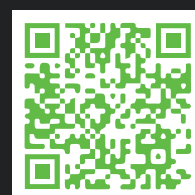
### Range Performance



#### For technical information contact:

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February / 2024 / V1

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