

DRAGON-A12

XR



Teledyne Qioptiq
Aerospace & Defense Electronics

02

UNCOOLED
RANGE

Multifunction Target location and Acquisition Device

DRAGON-A12XR is a high performance Handheld surveillance and target location device. Utilising the latest generation of Uncooled Thermal modules, it delivers a medium to long range 24 hour surveillance and target location capability. Trialled to Military Standards, DRAGON-A12XR is designed for reliable operation in Dismounted Combat Environments.

Package

- DRAGON-A12XR Handheld Device
- Lens Cap and Eye Cup / Shroud
- Transportation Case
- Hand Strap

Options

- Interface Cable
- Mounting Interfaces



ITAR
FREE

AA+
X2



VGA
12μm



DISMOUNTED TACTICAL SOLUTIONS

www.teledyne.com

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TELEDYNE
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Optical Parameters

| | |
|---------------------------|----------------|
| Horizontal Field of View: | 8° |
| Focus Range: | 5m to infinity |
| Digital Zoom: | x1, x2, x4 |

Sensor

| | |
|-------------|---------------------------|
| Waveband: | Long Wave IR 8 µm – 12 µm |
| Resolution: | 640 x 512 |
| Pitch: | 12µm |

Positional & Targeting

| | |
|---------------------|---------------------------------------------------------------------|
| On board sensor: | Digital Magnetic Compass, Altitude Heading Reference System, GPS |
| Laser Range Finder: | 1550nm, Class 1 Eye safe |
| Targeting: | MGRS and Geographical Target calculation |

Power

| | |
|-------------------|------------------|
| Battery Type: | 2 x AA (LiFeS2) |
| Battery Lifetime: | > 4 hours @ 21°C |

Connectivity

| | |
|---------------------|---------------------------------|
| I/O Interface Port: | External Power USB and RS232 |
|---------------------|---------------------------------|

Nominal Size and Weight

| | |
|---------|--------|
| Mass: | < 800g |
| Length: | 170mm |
| Width: | 115mm |
| Height: | 80mm |

Excludes batteries, lens cap and accessories

Finish

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

Environmental

Complies with Military Standards

MIL-STD 810

Range Performance



For technical information contact:

email:



We reserve the right to alter, without notice, the specification of the product. February / 2025 / V1

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