

DRAGON-C12

TELEDYNE

Teledyne Qioptiq
Aerospace & Defense Electronics

02
UNCOOLED
RANGE



Multi-Role Thermal Weapon Sight

DRAGON C12-S is a compact and lightweight multi-role system that delivers enhanced situational awareness and early target detection utilizing a 640X512 12um thermal core.

DRAGON C12-S is well suited to personal defence weapons and assault rifles configured as a stand alone or in-line thermal sight, with a flip bracket if required.

Package

- DRAGON C12-S 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
- Flip To Side Bracket (L or R flip action)
- External Battery Pack



ITAR
FREE

AA+
X3

1.8km

6km

VGA
12 μ m

1.8km

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Optical Parameters

Horizontal Field of View:	12°
Focus Range:	5m to infinity
Magnification:	x1

Sensor

Detector Type:	Uncooled Microbolometer
Pixel Pitch:	12µm
Waveband:	8 - 14µm

Boresight Characteristics

Alignment:	<0.2 mrad
Retention:	<0.5 mrad
Repeatability:	<0.145 mrad

Power

Battery Type:	3 x AA (LiFeS2)
Battery Lifetime:	>6 hours 45 minutes @ 21°C

Connectivity

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



Nominal Size and Weight

Mass:	<595 g
Length:	<140 mm
Width:	<84 mm
Height (above rail):	<74 mm

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:

Teledyne-Qioptiq Ltd, Glascoed Road
St Asaph. Denbighshire. LL17 0LL



email:

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