

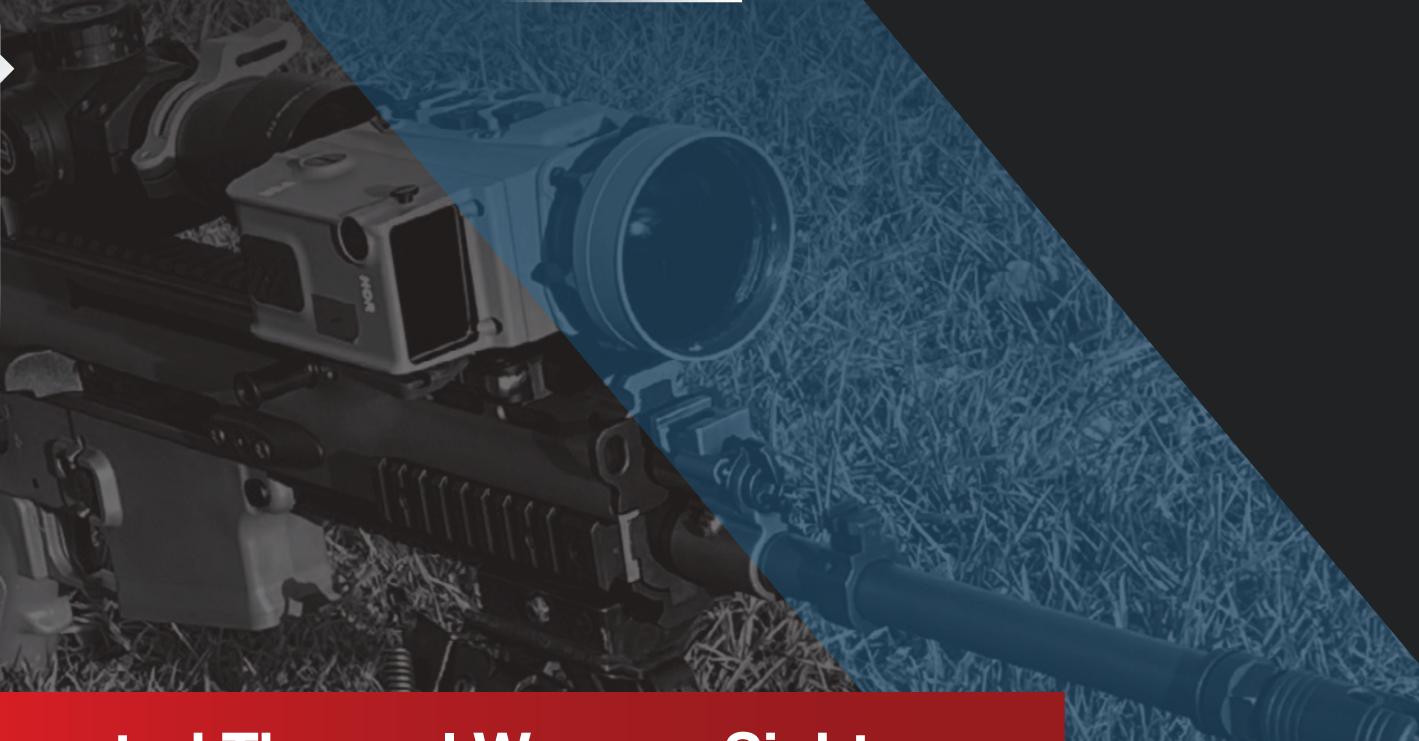
DRAGON-C12

XR-FC

TELEDYNE

Teledyne Qioptiq
Aerospace & Defense Electronics

02
UNCOOLED
RANGE



Integrated Thermal Weapon Sight with Fire Control System

Dragon C12-XR FC is an integrated thermal weapon sight and fire control system, combining proven high performance, latest generation thermal imaging with laser range finding and ballistics solver functionalities.

Dragon C12-XR FC provides the user with the capability to accurately engage targets across different weapon platforms, in either stand-alone or inline use.

Package

- High performance 12µm thermal imager
- Integrated Laser Range Finder
- Integrated Ballistic Solver
- Stand alone or Inline Fitment
- Selectable reticle for ammunition types

Options

- Multi-function remote control
- Interface cable



ITAR
FREE

AA+
X2

3km

6km

LRF

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Integrated Thermal Weapon Sight with Fire Control System

Optical Parameters

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

Sensor

Waveband:	Long Wave IR 8µm – 14µm
Resolution:	640 x 512
Pixel Pitch:	12µm

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
	Battlespace Management



Laser Range Finder

Class:	1550nm Class 1
Range:	2.5km MBT

Ballistic Computer

Solver:	Applied Ballistics®
Max Storage:	32 Ammunition Profiles
Reticle:	Various - User Selectable

Nominal Size and Weight

Mass:	<950 g
Length:	148 mm
Width:	110 mm
Height:	73 mm

Excludes batteries, lens cap and accessories

Finish

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

Range Performance



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