

DRAGON-MR

Uncooled Thermal Imager Thermal Weapon Sight

DRAGON-MR (Medium Range) is a multi purpose thermal weapon/surveillance sight that provides all round capability for the dismounted and mounted close combat users.

DRAGON-MR is part of the DRAGON family of uncooled thermal products from Qioptiq that utilise the latest in uncooled thermal camera, electronics and optical technologies to deliver world leading performance and reliability.

DRAGON-MR can be adapted for use on a variety of short to medium range weapons mounting to either a Picatinny or NATO rail. DRAGON can also be used in a hand held role if required.

DRAGON-MR for support weapons



Features

- Low power, high performance
- 320 x 240 25 μm thermal core
- Ruggedised military design
- 24 hour operational capability

DRAGON-MR

Thermal Weapon Sight

DRAGON-MR thermal sight is designed specifically to meet target engagement and surveillance requirements for military customers and law enforcement agencies providing high performance within a lightweight, compact and rugged military-qualified design

DRAGON-MR can be fitted with Qioptiq's LO GLINT coating technology to reduce sunlight glint and reflection as an option.

DRAGON-MR delivers a capability to detect man and vehicle targets 24 hours a day, even in poor visibility, in total darkness and through battlefield obscurants.

RIGIDITY - All aluminium construction for structural rigidity and EMC sealing properties ensures good integration and compatibility with surrounding systems.

STABILITY - Boresight stability guaranteed through state of the art optical design and lens mounting techniques.

SIMPLICITY - Controls have been designed and positioned for ease of access and MMI designed for ease of use across all roles.



Main features

Magnification: x4, x8 (electronic zoom)

Field of View: 5.9° HFOV

Detection Range - Man: x4 Mag - 2740m
x8 Mag - 3120m

Weight: (excluding batteries & weapon mount)
<810g

Dimensions: 255mm (L) x 94mm (W) x 121mm (H)

Detector type: 8-12 μ m, 320 x 240 pixel, 25 μ m pitch FPA

Batteries: 4 x 1.5V AA

Battery Life: >8 hours continuous operation @ 23°C – Lithium

Features: RS232 comms, Video out, External power source

Accessories: Weapon Bracket, Lens Cap, Carrying Pouch, Transit Case, Instruction Card, User Manual, Neck Strap, Lens Cleaning Kit

Optional accessories: Laser Pointer & Laser Fire Cable, Close Quarter Battle Sight Remote Control, Interface Cable (external power, serial communications & video)

For technical information contact:

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DRAGON-MR shown with optional red dot CQB and laser pointer

