Vision Solutions
Dismounted Soldier
TARGET ACQUISITION AND SURVEILLANCE EQUIPMENT
Qioptiq is one of the world’s principal designers and manufacturers of infra red, image intensified and fused night vision equipment. More than 65,000 individual night sights have been supplied to over 52 different countries for a wide range of defence, police, border security, coastguard and search and rescue applications.

WEAPON AIMING AND TARGET ACQUISITION

Qioptiq provides a range of world leading weapon sights for a wide variety of platforms including individual assault weapons, light support weapons, crew-served weapons, anti-tank/anti-materiel weapons and specialised sniper applications, using image intensifying and uncooled thermal imaging technology.

SURVEILLANCE

A range of surveillance equipment is also available utilising both visible image intensifying and uncooled thermal imaging technology. Monocular and Binocular eyepiece variants are available providing maximum flexibility for surveillance applications.
NIGHT VISION AND THERMAL SOLUTIONS FOR THE DISMOUNTED SOLDIER

Weapon Sights: Image Intensifiers

- KITE
- MAXIKITE-1
- MAXIKITE-2
- MAXIKITE-3
- MERLIN-C
- MERLIN-G
- KITE IN LINE
- MERLIN-MR
- MERLIN-LR

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
Weapon Sights: Uncooled Thermal Imagers

DRAGON-C  DRAGON-SR  DRAGON-MR

DRAGON-LR  DRAGON-S

Weapon Sights and Equipment

SAKER FUSED  DRAGON-H  GRIFFIN

GRIFFIN-SP  SMMI

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
Detection Recognition Identification
Image Intensified Weapon Sight

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
**KITE**

Image Intensified Weapon Sight

**KITE** is part of a family of highly successful night vision weapon sights currently in service with more than 50 countries worldwide.

**KITE** is a compact and lightweight x4 magnification sight designed for surveillance, acquisition and target engagement.

**FEATURES**

- Proven design in service with over 50 countries
- Compatible with all Image Intensified tube types – Gen 2, Gen 2+, Gen 3 and 4G
- High performance optics and coatings
- Rugged & highly reliable
- Simple to use
- Ideal for short – medium range weapons

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
**Magnification:** x4  
**Field of View:** 9°  
**II Tube type:** ITAR free Tube all variants including Gen 2, Gen 2+, Gen 3 and 4G  
**Weight:** (including batteries): <1000g (Fixed Dioptre)  
**Dimensions:** 210mm (L) x 80mm (W) x 105mm (H)  
**Batteries:** 2 x 1.5V AA  

**Battery Life:** >100 hours depending on circumstances  

**Eyepiece Dioptre:**  
Mk4 Fixed @ -1 ±0.35 dioptre  
Mk6 Adjustable @ +2 to -6 dioptres  

**Focus Range:** 15m to Infinity  

**Eye Relief:** 30mm  

**Accessories:** Weapon mount, Lens Cap, Carrying Pouch, Transit Case, Instruction Card, User Manual, Carrying Strap, Lens Cleaning Kit
MAXIKITE-1
Image Intensified Weapon Sight

MAXIKITE-1 is part of a family of highly successful night vision sights currently in service with more than 50 countries worldwide.

MAXIKITE-1 is a lightweight x6 magnification sight designed for surveillance, acquisition and target engagement.

FEATURES
- Proven design in service worldwide
- Compatible with all Image Intensified tube types – Gen 2, Gen 2+, Gen 3 and 4G
- High performance optics and coatings
- Rugged & highly reliable
- Simple to use
- Ideal for medium - long range HMG weapons

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
DETECT RECOGNISE IDENTIFY

Man sized target, 50% probability, Full moon, x6.7 magnification (performance is tube dependent)

CHARACTERISTICS

Magnification: x6.7
Field of View: 5.3°
II Tube type: ITAR free Tube all variants including Gen 2, Gen 2+, Gen 3 and 4G
Weight: (including batteries): <1700g (Fixed Dioptre)
Dimensions: 400mm (L) x 120mm (W) x 120mm (H)
Batteries: 2 x 1.5V AA

Battery Life: >100 hours depending on circumstances
Eyepiece Dioptre:
Mk4 Fixed @ -1 ±0.35 dioptre
Mk6 Adjustable @ +2 to -6 dioptres
Focus Range: 25m to Infinity
Eye Relief: 30mm
Accessories: Weapon mount, Lens Cap, Carrying Pouch, Transit Case, Instruction Card, User Manual, Carrying Strap, Lens Cleaning Kit

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
MAXIKITE-2
Image Intensified Weapon Sight

MAXIKITE-2 is part of a family of highly successful night vision sights currently in service with more than 50 countries worldwide.

MAXIKITE-2 is a lightweight x6 magnification sight designed for surveillance, acquisition and target engagement.

FEATURES
- Proven design in service worldwide
- Compatible with all Image Intensified tube types – Gen 2, Gen 2+, Gen 3 and 4G
- High performance optics and coatings
- Rugged & highly reliable
- Simple to use
- Ideal for medium - long range weapons

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
**MAXIKITE-2 night vision**

**DETECT RECOGNISE IDENTIFY**

**CHARACTERISTICS**

- **Magnification:** x6.0
- **Field of View:** 5.7°
- **II Tube type:** ITAR free Tube all variants including Gen 2, Gen 2+, Gen 3 and 4G
- **Weight:** (including batteries): <1500g (Fixed Dioptre)
- **Dimensions:** 260mm (L) x 95mm (W) x 95mm (H)
- **Batteries:** 2 x 1.5V AA
- **Battery Life:** >100 hours depending on circumstances
- **Eyepiece Dioptre:**
  - Mk4 Fixed @ -1 ±0.35 dioptre
  - Mk6 Adjustable @ +2 to -6 dioptres
- **Focus Range:** 25m to Infinity
- **Eye Relief:** 30mm
- **Accessories:** Weapon mount, Lens Cap, Carrying Pouch, Transit Case, Instruction Card, User Manual, Carrying Strap, Lens Cleaning Kit

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**Graph:**

- **Man sized target, 50% probability, Full moon, x4.0 magnification (performance is tube dependent)**

<table>
<thead>
<tr>
<th>Range (m)</th>
<th>Detection</th>
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</table>
MAXIKITE-3
Image Intensified Weapon Sight

MAXIKITE-3 is part of a family of highly successful night vision sights currently in service with more than 50 countries worldwide.

MAXIKITE-3 is a lightweight x6 magnification sight with the benefit of a CQB day sight designed for surveillance, acquisition and target engagement.

FEATURES
- Includes red dot CQB for ease of aiming
- Compatible with all Image Intensified tube types – Gen 2, Gen 2+, Gen 3 and 4G
- High performance optics and coatings
- Rugged & highly reliable
- Simple to use
- Ideal for medium - long range weapons
**MAXIKITE-3 night vision**

**DETECT RECOGNISE IDENTIFY**

Man sized target, 50% probability, Full moon, x4.0 magnification (performance is tube dependent)

<table>
<thead>
<tr>
<th>Range (m)</th>
<th>Detection</th>
<th>Recognition</th>
<th>Identification</th>
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<td>4500 - 5000</td>
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**CHARACTERISTICS**

- **Magnification:** x6.0
- **Field of View:** 5.7°
- **II Tube type:** ITAR free Tube all variants including Gen 2, Gen 2+, Gen 3 and 4G
- **Weight:** (including batteries): <1500g (Fixed Dioptre)
- **Dimensions:** 260mm (L) x 95mm (W) x 95mm (H)
- **Batteries:** 2 x 1.5V AA
- **Battery Life:** >100 hours depending on circumstances
- **Eyepiece Dioptre:** Mk4 Fixed @ -1 ±0.35 dioptre
  Mk6 Adjustable @ +2 to -6 dioptres
- **Focus Range:** 25m to Infinity
- **Eye Relief:** 30mm
- **Accessories:** Weapon mount, Lens Cap, Carrying Pouch, Transit Case, Instruction Card, User Manual, Carrying Strap, Lens Cleaning Kit

FOR THE LATEST INFORMATION VISIT: [www.qioptiq.com](http://www.qioptiq.com)
MERLIN-C
Multi-Role Image Intensifier

MERLIN-C is an ultra-lightweight multi role night vision sight designed for use in a military environment

MERLIN-C can be used for weapon aiming when used in conjunction with a Red Dot CQB or head mounted for use as a night mobility device

FEATURES
- Multi role monocular
  - Head mounted
  - Hand held
  - Weapon mounted with optional red dot CQB
- X1 magnification plus afocal adaptor options
- Automatic brightness protection
- Simple to use
CHARACTERISTICS

**Magnification:** x1 with x3, x4, x5 Afocal Adaptors

**Field of View:** 40° (x1 Magnification)

**Weight:** (including batteries): <280g

**II Tube type:** ITAR free Tube all variants including Gen 2, Gen 2+, Gen 3 and 4G

**Battery:** 1 x AA or 1 x AAA

**Battery Life:** >90 hours continuous operation @ 20°C Alkaline

**Operational Temperature range:** -45°C to +55°C

**Accessories:** Protective eye cups, Soft carrying case, Lens cleaning cloth, Instruction/maintenance manual, Batteries, Storage/Transportation case

FOR THE LATEST INFORMATION VISIT: [www.qioptiq.com](http://www.qioptiq.com)
MERLIN-G
Image Intensified Night Vision Goggle

MERLIN-G is a lightweight Biocular night vision goggle designed for mobility and surveillance operations.

MERLIN-G is compatible with a wide range of in-service combat helmets.

FEATURES
- Mobility & surveillance applications
- Head mount, helmet mount or hand held
- Compatible with all Image Intensified tube types – Gen 2, Gen 2+, Gen 3 and 4G
- Simple to use

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
**CHARACTERISTICS**

**Magnification:** x1 with x3, x4, x5 Afocal Adaptors

**Field of View:** 40° (x1 Magnification)

**Weight:** (including batteries): <480g

**Image Intensifier Tube:** 18mm XR5

**Boresight Alignment:** <0.5 MOA (Factory Set)

**Dimensions:** 250mm (L) x 93mm (W) x 105mm (H)

**Batteries:** 2 x AA

**Battery Life:** >90 hours continuous operation @ 20°C Alkaline

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

**FOR THE LATEST INFORMATION VISIT:** [www.qioptiq.com](http://www.qioptiq.com)
KITE IN LINE
Image Intensified Weapon Sight

KITE IN LINE is an in-line Image Intensified weapon sight designed for use in military environments

KITE IN LINE excels in the night vision 'clip on' market due to an unrivalled combination of optical performance, size and weight

FEATURES
- Clip on sight – no need to re-zero
- Excellent boresight accuracy
- High performance and low mass
- Compatible with all Image Intensified tube types – Gen 2, Gen 2+, Gen 3 and 4G
- Ideal for short – medium range surveillance & target engagement

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
DETECT RECOGNISE IDENTIFY

Man sized target, 50% probability, Full moon, x4.0 magnification (performance is tube dependent)

CHARACTERISTICS

- **Magnification**: x1.0
- **Field of View**: 13.0°
- **Weight**: (incl. 1x lithium AA cell, excl. accessories): <660g
- **Dimensions**: 146mm (L) x 81mm (W) x 75mm (H)
- **Batteries**: >50hrs continuous operation @ 20 degree Celsius (Il Tube dependent)
- **Il Tube type**: ITAR free Tube all variants including Gen 2, Gen 2+, Gen 3 and 4G

FOR THE LATEST INFORMATION VISIT: [www.qioptiq.com](http://www.qioptiq.com)
MERLIN-MR
Image Intensified Weapon Sight

MERLIN-MR is an in-line Image Intensified weapon sight designed for use in military environments

MERLIN-MR enables the user to quickly mount a night vision capability in front of a high magnification day scope without need for re-zeroing

FEATURES
- Low profile, in-line, ‘clip-on’ configuration
- Compatible with all Image Intensified tube types – Gen 2, Gen 2+, Gen 3 and 4G
- High performance optics and coatings
- Rugged & highly reliable
- Proven design in service world wide
- Simple to use
### CHARACTERISTICS

- **Magnification:** x1.0  
- **Field of View:** 12.6°  
- **II Tube type:** ITAR free Tube all variants including Gen 2, Gen 2+, Gen 3 and 4G  
- **Weight:** (excluding lens cap, rubber boot) <1060g  
- **Dimensions:** 202mm (L) x 97mm (W) x 74mm (H)

- **Batteries:** 1 x 1.5V AA  
- **Battery Life:** >40 hours continuous operation @ 20°C Lithium  
- **Image Intensifier Tube:** 18mm XR5  
- **Boresight Alignment:** <0.5 MOA (Factory Set)  
- **Accessories:** Weapon mount, Lens Cap, Carrying Pouch, Transit Case, Instruction Card, User Manual, Carrying Strap, Lens Cleaning Kit

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**FOR THE LATEST INFORMATION VISIT:** [www.qioptiq.com](http://www.qioptiq.com)
MERLIN-LR
Image Intensified Weapon Sight

MERLIN-LR is an in-line Image Intensified weapon sight designed for use in military environments.

MERLIN-LR enables the user to quickly mount a night vision capability in front of a high magnification day scope without need for re-zeroing.

FEATURES
- Low profile, in-line, ‘clip-on’ configuration
- Compatible with all Image Intensified tube types – Gen 2, Gen 2+, Gen 3 and 4G
- High performance optics and coatings
- Simple to use
- Rugged & highly reliable
- Proven design in service worldwide
- Ideal for medium – long range sniper surveillance & target engagement

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
MERLIN-LR night vision

**DETECT RECOGNISE IDENTIFY**

Man sized target, 50% probability, Full moon, x6.0 magnification (performance is tube dependent)

<table>
<thead>
<tr>
<th>Task 1</th>
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<td>3000</td>
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<td>3500</td>
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</tbody>
</table>

- Detection
- Recognition
- Identification

**CHARACTERISTICS**

- **Magnification:** x1.0
- **Field of View:** 8.6°
- **II Tube type:** ITAR free Tube all variants including Gen 2, Gen 2+, Gen 3 and 4G
- **Weight:** (excluding lens cap, rubber boot & batteries): <1500g
- **Dimensions:** 250mm (L) x 93mm (W) x 105mm (H)
- **Batteries:** 2 x 1.5V AA
- **Battery Life:** >90 hours continuous operation @ 20°C Alkaline
- **Image Intensifier Tube:** 18mm XR5
- **Boresight Alignment:** <0.5 MOA (Factory Set)
- **Accessories:** Weapon mount, Lens Cap, Carrying Pouch, Transit Case, Instruction Card, User Manual, Carrying Strap, Lens Cleaning Kit

FOR THE LATEST INFORMATION VISIT: [www.qioptiq.com](http://www.qioptiq.com)
Detection
Recognition
Identification
Thermal Weapon Sight

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<tr>
<th>IDENTIFICATION – 6 CYCLES</th>
<th>RECOGNITION – 3 CYCLES</th>
<th>DETECTION – 1 CYCLE</th>
</tr>
</thead>
</table>

**DRAGON-C 640X480**
- Field of view 16°

**DRAGON-C 320X240**
- Field of view 16°

**DRAGON-SR 640X480**
- Field of view 10.9°

**DRAGON-SR 320X240**
- Field of view 8°
DRAGON-C

Thermal Weapon Sight

DRAGON-C is an ultra-lightweight, multipurpose thermal weapon sight

DRAGON-C utilises the latest uncooled thermal cameras and optical technology to provide a compact sight capable of being used in a weapon mounted or hand held role

FEATURES

- Multi role capability
  - Standalone thermal weapon sight
  - In-line thermal weapon sight
  - Hand held observation/surveillance
- Exceptional boresight stability
- Ultra low weight
- Simple to use
- Available with a choice of thermal cameras including ITAR free
- Optional accessories include a laser pointer, remote control and interface cables

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
CHARACTERISTICS

**Magnification:** x1, x2, x4 (electronic zoom)

**Field of View:** 16° HFOV

**Weight:** (excluding batteries & weapon mount) <390g

**Dimensions:** 135mm (L) x 70mm (W) x 83mm (H)

**Detector type:** 640 x 480, 17μm pixel pitch

**Batteries:** 2 x 1.5V AA

**Battery Life:** >5 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:** Interface Cable (external power, serial communications & video) Shrouds to interface with various day-s scopes (Clip-on mode only).

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
DRAGON-SR
Thermal Weapon Sight

**DRAGON-SR** is a light weight x3 magnification thermal weapon sight

**DRAGON-SR** utilises the latest uncooled thermal cameras and optical technology to deliver world leading performance, accuracy and reliability

**FEATURES**
- Exceptional boresight stability
- High performance optics and coatings
- Low weight
- Simple to use
- Available with a choice of TI cameras including ITAR free
- Rugged, highly reliable and a proven in service track record
- Optional accessories include a Close Quarter Battle sight, laser pointer, remote control and interface cables

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
**Characteristics**

- **Magnification:** x2.2, x4.4 (electronic zoom)
- **Field of View:** 10.9º HFOV
- **Weight:** <730g (excluding batteries & weapon mount)
- **Dimensions:** 245mm (L) x 94mm (W) x 121mm (H)
- **Detector type:** 640 x 480, 17μm pixel pitch
- **Batteries:** 4 x 1.5V AA

- **Battery Life:** >8 hours continuous operation @ 23ºC – 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 THE LATEST INFORMATION VISIT:** [www.qioptiq.com](http://www.qioptiq.com)
DRAGON-MR
Thermal Weapon Sight

**DRAGON-MR** is a lightweight x4 magnification thermal weapon sight

**DRAGON-MR** utilises the latest uncooled thermal cameras and optical technology to deliver world-leading performance, accuracy, and reliability.

**FEATURES**
- Exceptional boresight stability
- High performance optics and coatings
- Low weight
- Simple to use
- Available with a choice of TI cameras including ITAR free
- Rugged, highly reliable, and a proven in-service track record
- Optional accessories include a Close Quarter Battle sight, laser pointer, remote control, and interface cables

FOR THE LATEST INFORMATION VISIT: [www.qioptiq.com](http://www.qioptiq.com)
CHARACTERISTICS

**Magnification:** x3.0, x6.0, 12.0 (electronic zoom)

**Field of View:** 8.0° HFOV

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

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

**Detector type:** 640 x 480, 17μm pixel pitch

**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 THE LATEST INFORMATION VISIT: www.qioptiq.com
DRAGON-LR
Thermal Weapon Sight

DRAGON-LR is a high performance x2.7 magnification thermal weapon sight designed for crew served and support weapons.

DRAGON-LR utilises the latest uncooled thermal cameras and optical technology to deliver world leading performance, accuracy and reliability.

FEATURES
- Exceptional boresight stability
- High performance optics and coatings
- Simple to use
- Available with a choice of TI cameras including ITAR free
- Rugged, highly reliable and a proven in service track record
- Optional accessories include a Close Quarter Battle sight, laser pointer, remote control and interface cables

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
**Characteristics**

**Magnification:** x4.0, x8.0, 16.0 (electronic zoom)

**Field of View:** 6.0° HFOV

**Weight:** (excluding batteries & weapon mount) <1075g

**Dimensions:** 295mm (L) x 85mm (W) x 105mm (H)

**Detector type:** 640 x 480, 17μm pixel pitch

**Batteries:** 6 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)

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**Detect Recognise Identify**

- **Man sized target, 50% probability, Full moon, x4.0 magnification (performance is tube dependent)**

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**FOR THE LATEST INFORMATION VISIT:** [www.qioptiq.com](http://www.qioptiq.com)
DRAGON-S is a high performance in-line thermal weapon sight designed for use with a range of optical day scopes.

DRAGON-S is designed to provide snipers with a 24 hr surveillance and target engagement capability.

DRAGON-S utilises the latest uncooled thermal cameras and optical technology to deliver world leading performance, accuracy and reliability.

**FEATURES**
- Factory set to eliminate the need for re-zeroing when used with a day scope
- Exceptional boresight stability
- High performance optics and coatings
- Controls are user friendly and simple to use
- Available with a choice of TI cameras including ITAR free
- Rugged, highly reliable and a proven in service track record
- Optional accessories include light shrouds, a remote control and interface cables.

FOR THE LATEST INFORMATION VISIT: www.qioptiq.com
**Characteristics**

- **Magnification:** x1.0
- **Field of View:** 7.4° HFOV
- **Weight:** (excluding batteries & weapon mount) <930g
- **Dimensions:** 238mm (L) x 85mm (W) x 87mm (H)
- **Detector type:** 640 x 480, 17μm pixel pitch
- **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, Lens Cleaning Kit
- **Optional accessories:** Remote Control, Interface Cable (external power, serial communications & video), Shrouds to interface with various dayscopes

### Detect Recognise Identify

![Man sized target, 50% probability, Full moon, x5.0 magnification (performance is tube dependent)](chart)

**Task 1**

- **Range (m):** 0 500 1000 1500 2000 2500 3000 3500
- **Detection**
- **Recognition**
- **Identification**

For the latest information visit: [www.qioptiq.com](http://www.qioptiq.com)
Detection
Recognition
Identification
Fused Weapon Sight and
Thermal Hand Held

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Field of View, Magnification & DRI Summary

SAKER

SAKER THERMAL

DRAGON-H

Field of view 8.1°

Field of view 8°

Field of view 8°

MAGNIFICATION

300 600 900 1200 1500 1800 2100 2400 2700 3000 3300 3600 3900 4200 4500 4800 5200 5500

RANGE – METERS

IDENTIFICATION – 6 CYCLES

RECOGNITION – 3 CYCLES

DETECTION – 1 CYCLE
SAKER
Fused Weapon Sight

SAKER is a high performance in-line fused weapon sight combining image intensified and thermal imaging technologies to deliver enhanced 24 hr capability.

SAKER provides the user with the ability to rapidly Detect, Recognise & Identify targets in all weathers and battlefield conditions.

SAKER is a fully qualified military fused weapon sight designed specifically for short and medium range surveillance and target engagement.

Features

- Image intensified, thermal and fused capability
- Common aperture solution for zero parallax
- Compact, lightweight and rugged
- High performance optics and coatings
- Simplistic and intuitive controls
- ITAR free
- Optional accessories include light shrouds, a remote control and interface cables.

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**CHARACTERISTICS**

- **Magnification:** x1

- **Field of View:** 8.1° Thermal / 10° II

- **Weight:** (includes: SAKER Fused Weapon Sight, picatinny style rail grabber (single throw lever, no adjustment required) 3 x AA Lithium Cells, lens cap and light security shroud.) <890g

- **Dimensions:** 189mm (L) x 84mm (W) x 75mm (H)

- **Detector type:** 320 x 240, 17μm pixel pitch

- **Sensor:** 17μm, 60 Hz VOx (ITAR free)

- **Batteries:** 3 x 1.5v AA Cells

- **Battery Life:** >6.5hrs continuous operation, Blend Mode, >40hrs continuous operation, I2 Mode

- **Accessories:** Lens Cap and Light Secure Shroud, Transportation Case and Field Pouch, Operators Manual, Lens Cleaning Kit, 3 x AA Lithium Cells

- **Optional accessories:** Various paint options available, 6 Function Remote Control, Blended Video Output, Daylight Training Filter

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DRAGON-H is a high performance hand held thermal sight designed specifically for short to medium range surveillance, observation and target location.

DRAGON-H utilises the latest uncooled thermal cameras and optical technology to deliver world leading performance, accuracy and reliability.

FEATURES
- Thermal imaging capability
- ITAR free camera options available
- Simple to use
- Rugged & highly reliable
- Options available including laser range finder, digital magnetic compass, global positioning system and image capture

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**Objective Lens Options:**
- SR
- MR
- LR

**Magnification:**
- x2
- x3
- x4

**Field of View:**
- 11°
- 8°
- 6°

**Weight (excluding batteries):** 1.2kg

**Dimensions:** <260mm (L) x 125mm (W) x 70mm (H)

**Detector type:** Uncooled 8-12μm Microbolometer, VOx or A-Si, 640 x 480 pixels, 17μm pitch

**Batteries:** 4 x 1.5V AA

**Battery Life:** >8 hours continuous operation @ 25°C - Lithium

**Features:** RS232 comms, Video out, External power source

**Accessories:** Tripod mount, Lens Cap, Carrying Pouch, Transit Case, Instruction Card, User Manual, Neck Strap, Lens Cleaning Kit

**Optional accessories:** Interface Cable (external power, serial communications & video)

**Product development:** Laser Range Finder, Global Positioning System, Digital Magnetic Compass, Image Capture, Target Outlining, Enhanced Colour, Picture in Picture

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GRIFFIN
Multifunction Laser Pointer & Illuminator

GRIFFIN is a multifunction laser pointer & illuminator for small arms weapon systems

GRIFFIN provides the user with a range of pointing and illumination options including white light, visible and infra-red laser wavelengths

GRIFFIN can be fitted with an optional laser range finder

FEATURES

- Integrated multi wavelength capability
- Compact & rugged design
- Common pointer alignment mechanism
- Excellent boresight retention
- Multifunction remote control
- Optional LRF module
GRiffin-SP
Integrated LRF, GPS & Sensors

GRiffin-SP is an integrated Laser Range Finder / GPS and orientation sensor pack for small arms weapon systems

GRiffin-SP provides the user with a compact and lightweight target location and acquisition capability

GRiffin-SP attaches to Mil-Std and NATO compatible weapon rails and provides connectivity to a wide range of sighting systems

FEATURES
- Lightweight & compact LRF module
- Integrated GPS, DMC and accelerometers
- RS232 / USB communication
- Excellent boresight retention
- Low power architecture
- 2 x AA batteries

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SMMI
Hand Held Display and Control Unit

System Man Machine Interface (SMMI) is a hand held display device

SMMI is designed to provide the user with quick access to situational awareness and other information whilst on the move

FEATURES
- Compact and lightweight
- Single handed operation
- Low power
- Covert operation
- Incorporates 7 controls that can be individually mapped via USB for user optimisation
CHARACTERISTICS

**Weight:** <350g (excluding cable)  
**Dimensions:** 155mm x 75mm x 35mm  
**Power consumption:** <0.5W  
**Dioptic Adjustment Range:** -4 to +2 Dioptre

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LOGISTIC CUSTOMER SERVICES

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The Qioptiq Mission: To deliver a fully integrated support service that totally satisfies the customers’ needs.

Qioptiq has the skills, experience and commitment to meet the challenges of Customer Services – today and in the future.

- Tailored to provide flexible, cost effective, customer-focused services
- Applied by experienced, highly trained staff with widely acknowledged expertise in all aspects of support
- Working in partnership with the customer to drive down costs across the life of the equipment
- Maximise equipment availability
- Guarantee continuous through-life customer service

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‘GLOBAL PRESENCE...
...FAR REACHING CAPABILITIES’
2,100 Qioptiq employees work at our state of the art facilities around the world.

All of our sites are ISO 9001 certified – Three sites are ISO 14001, Rev C certified and One site is ISO 13485 certified

Qioptiq is an Excelitas Technologies Company. Excelitas is focused on delivering innovative, customised solutions to meet the lighting, detection and other high-performance technology needs of OEM customers. The combined companies have approximately 5,300 employees in North America, Europe and Asia, serving customers across the world.

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