Trijicon® has led the industry in the development of superior any-light aiming systems since the company's founding in 1981. And now, we lead the industry in no-light aiming systems. Trijicon’s advanced thermal imaging riflescopes are trusted by the most demanding shooters around the world to get the job done with accuracy and speed no matter what. No matter when.

Choose from industry-leading thermal imaging monoculars, helmet sights, weapon sights and clip-on sights. Conquer darkness with Trijicon.

<table>
<thead>
<tr>
<th>TABLE OF CONTENTS</th>
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<tbody>
<tr>
<td>4</td>
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<tr>
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</tbody>
</table>
SUPLIER THERMAL IMAGING TECHNOLOGY

Thermal imaging does not collect light like image intensification (II) systems, the most common night vision technology on the market. Instead, thermal technology captures the heat emitted from objects and persons for superior clarity and detection.

Be aware: not all thermal imaging is created equal. Many thermal systems offer 17 micron technology and upscale or downscale their imagery, which creates a significant loss of detail. Trijicon® thermal optics utilize the MicroIR™ thermal core, featuring a 12 micron detector and clean 640x480 imagery at 60 Hz frame rate. See the difference for yourself.

THERMAL SENSOR
Trijicon® thermal optics utilize a MicroIR™ thermal core that features a 12 micron detector to deliver high performance, clean 640x480 imagery at an outstanding 60 Hz frame rate.

- 12 Micron
- LWIR (Long Wave Infra-Red)
- Uncoated Technology
- 60 Hz High-Speed Frame Rate
- VOx (Vanadium Oxide)
ADVANCED POLARITY CONTROL

Most thermal sights give you only one choice for black hot/white hot, which are commonly referred to as polarity. Trijicon® thermal optics come with MaxPol technology for maximum multi-polarity control. This feature gives you three modes of white hot and three modes of black hot so you can identify your targets in most any condition. Plus, Trijicon offers EDGE DETECT Mode, which is an entirely new way to view your target with more precision. It is a fraction of the brightness of other modes, so your eyes are not as prone to night blindness from the screen.

MADE IN AMERICA. WITH PRIDE.

It’s not always convenient or financially beneficial to build such technologically advanced optics in America, but we’re an American company, and our products are built by shooters, for shooters right here in the U.S. (Auburn, California, and Wixom, Michigan, to be specific). We wouldn’t have it any other way.

CONSTRUCTED TO MIL-STD-810G RATINGS

Every Trijicon® thermal system is built rugged, tough and with MIL-STD-810G standards. They’re built to withstand low temperatures, high temperatures, rain, humidity, sand, dust, vibrations and shock.

All images are taken with the IR-HUNTER® and IR-PATROL™ systems.
THE MULTIPURPOSE, HIGH-PERFORMANCE THERMAL IMAGING MONOCULAR

Whether your mission is searching for a suspect or securing your position, the Trijicon IR-PATROL™ is the ideal multipurpose thermal imaging monocular. It’s compact, lightweight and rugged. And it offers some of the most advanced performance options on the market for a clear, sharp image. Choose from handheld, helmet-mounted or rifle-mounted IR-PATROL systems.
THE DIFFERENCE BETWEEN IDENTIFICATION AND UNCERTAINTY.

High-resolution thermal imagery is an absolute necessity for law enforcement and military personnel. The difference between night vision and thermal imagery is the difference between successful observation and failure. At the heart of the Trijicon IR-PATROL™ is a MicroIR™ 640x480 12 micron thermal core, which provides users one of the most crisp, detailed images available in a handheld thermal device—and offers a 42% increase in magnification over 17 micron sensors using the same optics.
# IR-PATROL ™

## THERMAL MONOCULAR

**Modular by Design**

With the Trijicon IR-PATROL ™, you can choose from handheld, helmet-mounted or weapon-mounted systems. And if you already have a day optic sighted in, the IR-PATROL can be placed in front and used as a clip-on device for 24-hour tactical usage.

### Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Frame Rate</th>
<th>Polarization</th>
<th>Image Capture</th>
<th>Edge Detect</th>
<th>Video Output</th>
<th>Particle Features</th>
</tr>
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<tbody>
<tr>
<td>LE100</td>
<td>30 Hz</td>
<td>x</td>
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<td>LE100C</td>
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<td>M250</td>
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<td>M300W</td>
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<td>x</td>
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</table>

**IRMO-100**

- **Model:** M250 and M300W
- **Part No.:** IRMO1-0071

**IRMO-250**

- **Model:** M250 and M300W
- **Part No.:** IRMO1-0071

**IRMO-300**

- **Model:** M250 and M300W
- **Part No.:** IRMO1-0071

**Sensor Type**

- Uncooled VOx LWIR

**Thermal Sensitivity**

- <50mk

**Sensor Resolution**

- 640x480 Pixels

**Sensor Pitch**

- 12 Micron

**Frame Rate**

- M250/M300W: 60 Hz
- LE100/LE100C: 30 Hz

**Spectral Response**

- 8 – 12 Microns

**Display Type**

- Monochrome Digital OLED

**Display Resolution**

- 640x480 Pixels

**Basic Features**

- E-Zoom, Polarity, DFC

**Advanced Features**

- DCE – Digital Contrast Enhancement
- Edge Detection Mode

**Start-Up Time**

- Approx. 3 Seconds

**Video Output**

- Analog HD-110 (with Optional Cable)

**Battery Type**

- 1 x CR123 3 volt
- 2 x with adapter

**Battery Life**

- 1.5 Hours @ 60 Hz – 1 Batt.
- 3.5 Hours @ 60 Hz – 2 Batt.

**Helmet Mount**

- Used with Model M250 and M300W
- Part No.: IRMO1-0071

**Weapon Mount**

- Used with Model M300W
- Part No.: IRMO1-0071

**Weight**

- M250, M250XR: 27.2 oz (771g)
- LE100/LE100C/M250/M300W: 16 oz (454g)

**Dimensions**

- 5.95” L x 2.0” H x 2.95” W

**Diopter**

- -6/+2

**Eye Relief**

- 27mm

**Environmental**

- -40°C to +55°C Operating
- -45°C to +75°C Storage

**Handheld System**

- LE100, LE100C & M250XR

**Helmet System**

- M250

**Rifle System**

- M300W

**Handheld System**

- The IR-PATROL ™ offers a high-performance thermal core, along with the industry-leading 640x480 VGA OLED Micro Display, to give the user optimal detection capabilities and clear, detailed imagery they can trust to conquer darkness.

**Helmet System**

- The M250 comes with an integrated Wilcox® Alpine interface for use with numerous Wilcox mounting solutions. When helmet mounted with a Wilcox G24 mount, the IR-PATROL ™ M250 provides a tactical advantage for both law enforcement and military users.

**Rifle System**

- The IR-PATROL ™ M300W is a mini rifle-mountable system that works as a dedicated or clip-on thermal rifle sight. When not in use, the optional Wilcox® Side Flip mount conveniently flips the IR-PATROL ™ M300W out of the way for zero obstruction.
LE100 & LE100C

LE100 HANDHELD MODEL
- 640x480 High Performance
- Advanced Thumbstick Controller
- Ruggedized System Design
- Full Digital Display
- Objective Lens Cap

LE100C IMAGE CAPTURE MODEL
- Laser/Illuminator Weapon Light Not Included

Optional 2x and 3x Magnifiers

Integrated Accessory Rail
Built-in Mini-Picatinny Rail

MIL Spec Construction
6061-T6 Aluminum Housing

Manual Focus Lens
Objective Lens with Manual Focus

Thumbstick Controller
Intuitive User Interface

IR-PATROL™ with Download Cable

TRIJICON
IR-PATROL™
THERMAL MONOCULAR

PROPERTY OF TSA DEFENCE
M250XR EXTENDED RANGE

- 7° FOV 4.5x Magnification
- Stadiametric Rangefinder
- 640x480 Thermal Sensor
- Image Capture

Key Features:

- Thumbstick Controller
  - Intuitive User Interface
- Manual Focus Lens
  - Smooth Manual Focus for Fast Targeting
- Long-Range Surveillance
  - 60mm Lens for Mile+ Detection
- Tripod Interface
  - Included
- Integrated Accessory Rail
  - Built-in Mini-Picatinny Rail
- MIL Spec Construction
  - 6061-T6 Aluminum Housing

Tripod Not Included

PROPERTY OF TSA DEFENCE
M250 HELMET-MOUNTED
- Wilcox® Interface Shoe
- 60 Hz High-Speed Frame Rate
- Edge Detect Mode
- Lightweight Design
- Objective Lens Cap

M250-K HELMET-MOUNTED KIT
- IR-PATROL™ 640x480 Thermal Monocular
- Wilcox Interface Shoe
- Wilcox Helmet-Mount Interface Kit
- 60 Hz High-Speed Frame-Rate Download/Video Cable
- Manual
M300W

M300W RIFLE-MOUNTED

- Fully Adjustable Reticle System
- Clip-On Mode Included
- Optional Wilcox® Side Flip Mount
- Mini Thermal Rifle Sight
- Objective Lens Cap

M300W-K RIFLE-MOUNTED KIT

- IR-PATROL™ 640x480 Thermal Monocular
- Reticle System (with Clip-On mode)
- Wilcox Interface Shoe
- Wilcox Flip Mount Rifle Base
- 60 Hz High-Speed Frame-Rate
- Download/Video Cable

Wilcox® Side Flip Mount Pictured

MIL Spec Construction

6061-T6 Aluminum Housing

Eye Guard

Rescue Protective Light Discipline

Optional Weapon Mount

Wilcox® Side Flip Mount

Integrated Accessory Rail

Built-in Mini-Picatinny Rail

Manual Focus Lens

Objective Lens with Manual Focus

PROPERTY OF TSA DEFENCE

*RMR Not Included
BRIDGE ASSEMBLIES & MOUNTS

SINGLE- AND DUAL-BRIDGE ASSEMBLIES & MOUNTS BY Wilcox

BRIDGES
The bridge adaptor provides the operator with a helmet-mounted, hands-free solution for the IR-PATROL™. Ideal for surveillance and overwatch situations, this adaptor adds versatility, giving the end user an optimal mounting solution.

HELMET MOUNTS
The Wilcox® L4 G41 Low Profile Breakaway Mount allows firm attachment of a variety of NVGs to MICH/ACH and ECH helmets, using a one- or three-hole Hybrid Shroud. This NVG mounting system allows the mount to “break-away” from the base under stressed conditions. The Wilcox L4 G41 option features a Wilcox Hybrid shroud and provides easy attachment of the mount to any helmet drilled with a standard one- or three-hole configuration.

FLIP MOUNT
The mount is designed to flip out of the way when not in use and return to zero when back in operational mode. These are lightweight, with a field-proven dovetail attachment system, and are made of high-grade aluminum construction for increased durability over currently finned brackets.

PROPERTY OF TSA DEFENCE
ACCESSORY ITEMS

**Battery Extender:** The Battery Extender lets the IR-PATROL™ double its run time by utilizing two batteries instead of one.

**Download/Video Cable:** The Download/Video Cable lets you use the “video out” option of the M250 and M300W, and the “image download” capabilities of the LE100C, M250 and M300W. The image download feature requires included PC software.

**Amber Filter:** The Amber Filter helps reduce eye fatigue when using the system for long periods of time.
<table>
<thead>
<tr>
<th>SYSTEM</th>
<th>IR-PATROL™ LE100</th>
<th>IR-PATROL™ LE100C</th>
<th>IR-PATROL™ M250XR</th>
<th>IR-PATROL™ M250</th>
<th>IR-PATROL™ M250 Kit</th>
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<table>
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<tr>
<th>SYSTEM</th>
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<td>1x Optical 1x Digital</td>
<td>1x Optical 1x Digital</td>
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<td>OBJECTIVE LENS</td>
<td>19mm f/1.1</td>
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<tr>
<td>WEAPON FLIP MOUNT KIT</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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</tbody>
</table>
The IR-HUNTER® uses only the best materials in the objective lens assemblies.

- Protective Window
- DLC Hard Carbon Coated
- AR-Coated Germanium Lenses
- Thermally Stabilized
- High Environmental Durability
- Shock-Resistant

More than 20 years of night vision system design has led us to the IR-HUNTER® thermal riflescope series. Take advantage of a 640x480 12 micron sensor, Enhanced Target Recognition (ETR), 8x digital electronic zoom, a 60 Hz frame-rate system and a high-resolution digital OLED micro display for crisp, precise imagery that lets you hunt for hours and hours. With similar turret knob controls as your day optic, the IR-HUNTER lets you take your shot with confidence, even in complete darkness.
TAKE YOUR SHOT WITH CONFIDENCE.

The Trijicon IR-HUNTER® uses its superior processing power to deliver precision sighting reticles that scale as you zoom—the same as a first focal plane reticle does on a high-end riflescope. And even when your image is enlarged, it still remains clear, with clarity and detail that enables exact identification.
VERSATILE BY DESIGN

Unlike other thermal riflescopes that ask you to decide between a dedicated system and a clip-on, the IR-HUNTER® gives you the best of both worlds—right out of the box—with high-resolution clarity and absolute precision.

TRIJCION IR-HUNTER®
THERMAL RIFLESCOPE

The Trijicon IR-HUNTER® is built for shooters, by shooters. Never before has there been a thermal sight that is so easy and intuitive to use with so many options and features.

STANDARD SYSTEM

ENGINEERED TO BE BALANCED ON YOUR WEAPON SYSTEM, THE IR-HUNTER® OFFERS AN UNMATCHED IMAGE AND TACTICAL TURRET KNOBS THAT SHOOTERS WILL BE FAMILIAR WITH.

TACTICAL SYSTEM

ENGINEERED TO BE BALANCED ON YOUR WEAPON SYSTEM, THE IR-HUNTER® OFFERS AN UNMATCHED IMAGE AND TACTICAL TURRET KNOBS THAT SHOOTERS WILL BE FAMILIAR WITH.

CLIP-ON SYSTEM

THE IR-HUNTER® IS NOT JUST YOUR EVERYDAY THERMAL SIGHT. IT’S DESIGNED TO EASILY SUPPORT YOUR DAY OPTICS AS A CLIP-ON THERMAL SIGHT, OFFERING BUILT-IN ALIGNMENT SOFTWARE AND EASY SWITCH MODES.

MODELS

<table>
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<tr>
<th>MODEL</th>
<th>OPTICAL MAG</th>
<th>DIGITAL MAG</th>
<th>LENS</th>
<th>BASE FOV</th>
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<td>DISPLAY RESOLUTION</td>
<td>640x480 Pixels</td>
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<td>BASIC FEATURES</td>
<td>E-Zoom, Polarity</td>
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<td>ADVANCED FEATURES</td>
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<td>START-UP TIME</td>
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<td>VIDEO OUTPUT</td>
<td>Analog RS-170 (with Optional Cable)</td>
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<td>BATTERY TYPE</td>
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<td>BATTERY LIFE</td>
<td>2.5 Hours (60Hz)</td>
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<tr>
<td>WEAPON MOUNT</td>
<td>LaRue Tactical Rail Mount</td>
</tr>
<tr>
<td>RETICLE</td>
<td>Simple and Complex Reticles, MOA Adjustments, Digital Readouts (MK3), 4 Save Locations (MK3)</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>MK2 20mm: 29.1 oz (825g)</td>
</tr>
<tr>
<td></td>
<td>MK2 35mm/MK3 35mm: 34.9 oz (989g)</td>
</tr>
<tr>
<td></td>
<td>MK3 60mm: 37 oz (1050g)</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>1.5x Model: 6.5” L x 2.9” H x 3.1” W</td>
</tr>
<tr>
<td></td>
<td>2.5x Model: 7.4” L x 2.9” H x 3.1” W</td>
</tr>
<tr>
<td></td>
<td>4.5x Model: 7.6” L x 3.1” H x 3.3” W</td>
</tr>
<tr>
<td>DIOPTR</td>
<td>4-16x</td>
</tr>
<tr>
<td>EYE RELIEF</td>
<td>27mm</td>
</tr>
<tr>
<td>ENVIRONMENTAL</td>
<td>–40°C to +55°C Operating</td>
</tr>
<tr>
<td></td>
<td>–45°C to +75°C Storage</td>
</tr>
</tbody>
</table>

TRIJCION
PROPERTY OF TSA DEFENCE

PROPERTY OF TSA DEFENCE
High-Performance Optics
1.5x Optical/12x Digital
22° Field of View
Advanced Turret Adjustment Knobs
Advanced 640x480 12 Micron Thermal Core
Full Digital Display
Objective Lens Flip Cap

Turret Adjustment Knobs
ML Spec Construction
ML Spec Construction
ML Spec Construction

Eye Guard
ML Spec Construction
DLC Hard-Coated/Sealed Optics

Tactical Quick Disconnect
ML Spec Construction

DLC Hard-Coated/Sealed Optics
ML Spec Construction

LaRue™ Throw-Lever Mount
Video Output

Superior Video Connector
ML Spec Construction

Athermalized Lenses
ML Spec Construction

ML Spec Construction
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THERMAL RIFLESCOPES

IR-HUNTER® MK2 20MM

IR-HUNTER® MK2 20MM

Eye Guard
Recoil Protection / Light Disciplines

Objective Lens Flip Cap

ML Spec Construction

LaRue™ Throw-Lever Mount

Tactical Quick Disconnect

ML Spec Construction

DLC Hard-Coated/Sealed Optics

ML Spec Construction

ML Spec Construction

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MK2 35MM

IR-HUNTER® MK2 35MM

- High-Performance Optics
- 2.5x Optical/20x Digital
- 12° Field of View
- Advanced Turret Adjustment Knobs
- Advanced 640x480 12 Micron Thermal Core
- Full Digital Display
- Objective Lens Flip Cap

LaRue® Throw-Lever Mount

Turret Adjustment Knobs

Athermalized Lenses

DLC Hard Coated/Sealed Optics

Video Output

Superior Video Connector

Eye Guard

Recoil Protection/Light Discipline

MIL Spec Construction

6061-T6 Aluminum Housing

IR-HUNTER®

THERMAL RIFLESCOPES

TRIJICON

PROPERTY OF TSA DEFENCE
MK3 35MM

IR-HUNTER® MK3 35MM
Identical System as MK2, Plus

- Azimuth/Elevation Position Readouts
- New Reticle Patterns
- Multiple Reticle Save Locations
- Stadiametric Rangefinder
- Download/Video Cable
- Dual-Lever Mount
- Battery Extender

IR-HUNTER®

MARK 35MM

THERMAL RIFLESCOPES

35mm Athermalized Lenses
DLC Hard-Coated/Sealed Optics

Turret Adjustment Knobs
Stadiametric Rangefinder

Eye Guard
Recoil Protection/Light Discipline

LaRue® Throw-Lever Mount
Tactical Quick Disconnect

ML Spec Construction
6061-T6 Aluminum Housing

 TR-JICON

MIL Spec Construction
6061-T6 Aluminum Housing

PROPERTY OF TSA DEFENCE
MK3 60MM

IR-HUNTER® MK3 60MM
Same System as MK2, Plus

- Azimuth/Elevation Position Readouts
- 60mm Objective Lens 7° Field of View
- Stadiametric Rangefinder
- Digital Position Readouts
- Multiple Reticle Save Locations

IR-HUNTER® MK3 60MM

Same System as MK2, Plus

- Flip-Cap Model: Flip-Cap for Easy Calibration
- Turret Adjustment Knobs: Include User Interface
- MIL Spec Construction: 6061-T6 Aluminum Housing
- Eye Guard: Recoil Protection Light Discipline
- Dual Lever LaRue™ Mount: Tactical Quick Disconnect
- 60mm Athermalized Lenses: AR Coated Dual Coated Optics
- Battery Extender: Extended Time of Operation

TRIJICON

IR-HUNTER®

THERMAL RIFlescopes

MIL Spec Construction
6061-T6 Aluminum Housing
Eye Guard: Recoil Protection Light Discipline
Dual Lever LaRue™ Mount: Tactical Quick Disconnect
Battery Extender: Extended Time of Operation

PROPERTY OF TSA DEFENCE
INTELLIGENT RETICLES

The IR-HUNTER® uses its processing power to deliver precision sighting reticles.

- Works the Same as First Focal Plane
- Selectable Reticles
- Intelligent Auto-Contrast

**TSR – THERMAL SUBTENSION RETICLE**

For shooting at extended distances, the TSR reticle provides some basic ranging data for the user. The width for each of the elevation marks is based at 36” wide for the distance readout in yards to the right of the mark. As you zoom in, the reticle works the same as a first focal plane sight where the reticle scales as you zoom. It’s just that easy.

**TCR – THERMAL COMBAT RETICLE**

One of the easiest reticles to use is our TCR Thermal Combat Reticle, which is a simple crosshair in the center. The width of the crosshair is always 36 MOA or 36” at 100 yards. Half of the crosshair is 18 MOA, which is the width of a man at 100 yards. If a man-size target is the height of the crosshair, then he will be 200 yards out. As you zoom, the reticle also zooms, so you are always 36 MOA.

**TDR – THERMAL DOT RETICLE**

The IR-HUNTER®, along with other thermal weapon sights, is primarily used at night and with lower magnification than standard day optics. Because of this, the engagement ranges at night are much shorter. To maximize clarity and usage in this engagement, the IR-HUNTER uses a DOT reticle system similar to the M19 QD. But instead of each dot representing 1000:1, our system is calibrated at 100:1, so the distance between the dots is 100 yards.
**ETR – ENHANCED TARGET RECOGNITION**

Enhanced Target Recognition is a capital feature of the IR-HUNTER®. While using other thermal scopes, important imagery is often washed out against the sky and horizon even with the use of frequent recalibrations. The IR-HUNTER’s ETR focuses its processing power on your target, resulting in enhanced, precisely detailed target images. This means more hits for the shooter.

**AUTO CALIBRATION**

Scene washout occurs when the horizon has a lot of sky behind the target, resulting in a large difference in temperature. The thermal system has to divide this difference into shades of gray, and there are only so many available. The ETR tells the sensor to perform its auto calibration within the brackets, which will have a smaller temperature difference to give more detail on the target area.
<table>
<thead>
<tr>
<th>SYSTEM</th>
<th>IR-HUNTER® MK2 20MM</th>
<th>IR-HUNTER® MK2 35MM</th>
<th>IR-HUNTER® MK3 35MM</th>
<th>IR-HUNTER® MK3 60MM</th>
</tr>
</thead>
<tbody>
<tr>
<td>SENSOR RESOLUTION</td>
<td>640x480</td>
<td>640x480</td>
<td>640x480</td>
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<td>SENSOR MICRON</td>
<td>MicroIR 12</td>
<td>MicroIR 12</td>
<td>MicroIR 12</td>
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<td>SENSOR TYPE</td>
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<td>VOx Vanadium-Oxide</td>
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<tr>
<td>FIELD OF VIEW</td>
<td>22°</td>
<td>12°</td>
<td>12°</td>
<td>7°</td>
</tr>
<tr>
<td>MAGNIFICATION X-ZOOM</td>
<td>1.5x Optical/12x Digital</td>
<td>2.5x Optical/20x Digital</td>
<td>2.5x Optical/20x Digital</td>
<td>4.5x Optical/30x Digital</td>
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<tr>
<td>OBJECTIVE LENS</td>
<td>19mm f/1.1</td>
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<td>30mm f/1.2</td>
<td>60mm f/1.2</td>
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<td>AETHERMALIZED</td>
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<td>Yes</td>
<td>Yes</td>
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<tr>
<td>FRAME RATE</td>
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<td>60 Hz</td>
<td>60 Hz</td>
<td>60 Hz</td>
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<tr>
<td>DISPLAY TYPE</td>
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<td>Digital OLED</td>
<td>Digital OLED</td>
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<td>HD GRAPHICS</td>
<td>640x480</td>
<td>640x480</td>
<td>640x480</td>
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<td>DISPLAY SIZE</td>
<td>640x480</td>
<td>640x480</td>
<td>640x480</td>
<td>640x480</td>
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<tr>
<td>BATTERY TYPE</td>
<td>2 each 123 Lithium</td>
<td>2 each 123 Lithium</td>
<td>3 each 123 Lithium</td>
<td>3 each 123 Lithium</td>
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<tr>
<td>BATTERY LIFE</td>
<td>3.5 hr. @ 60 Hz</td>
<td>3.5 hr. @ 60 Hz</td>
<td>3.5 hr. @ 60 Hz</td>
<td>3.5 hr. @ 60 Hz</td>
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<td>ETR ENHANCEMENT</td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>DFC DIGITAL FOCUS</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>USER CONTRAST</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>USER INTERFACE</td>
<td>Turret Knobs</td>
<td>Turret Knobs</td>
<td>Turret Knobs</td>
<td>Turret Knobs</td>
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<tr>
<td>IMAGE CAPTURE</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>VIDEO OUTPUT</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>RANGEFINDER</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
The Trijicon SNIPE-IR™ is designed to become one with your optical day sight, both on the battlefield and on the hunting field. It comes with a 640x480 12 micron VOx sensor and OLED digital micro display that gives you clear, brilliant imagery at a fast 60 Hz frame-rate system—even through pitch-black darkness. And its advanced VisRelay collimating optic eliminates parallax. The Trijicon SNIPE-IR is optimized for use with a 4x day optic.

**THE TECHNOLOGY ADVANTAGE**

- **Digital OLED Display**: 640x480 OLED ensures a pixel-to-pixel match with the sensor for the cleanest possible image.
- **MicroIR™ 12 Micron Technology**: Incredibly sharp image quality and 42% increase in magnification over 17 micron sensors.
- **NO-SHOT ZERO Sight-In**: Easy sight-in integration for accurate calibrations.
- **CLIP-ON, HYBRID and STAND-ALONE Modes**: The versatility to let you choose and change your system mode.
- **VisRelay Collimating Optic**: Eliminates parallax.
- **60 Hz Frame-Rate System**: Get real-time imaging with an option to use 30 Hz in power save mode.
- **12° Horizontal FOV**: Enhanced situational awareness for detection and target acquisition.
USER-FRIENDLY. ABSOLUTELY ACCURATE.

Advanced technology should not be complicated to use. Especially in the middle of the night, in the middle of nowhere. The NO-SHOT ZERO feature makes it simple to verify boresight when attached, while its user-friendly thumbstick lets you change menus and perform NUCs with ease—even in complete darkness.

THE TRIJICON SNIPE-IR™ AND THE ACOG®: THE PERFECT WEAPONS SYSTEM

When you combine the one-and-only Trijicon ACOG® combat optic with the clip-on SNIPE-IR™ thermal sight, you create the perfect 24-hour advanced weapons platform. Engage targets. Maintain maximum situational awareness. Own the battlefield or the hunting field.

SPECIFICATIONS

SENSOR TYPE: Uncooled VOx (Vanadium Oxide)

THERMAL SENSITIVITY: <50mk

SENSOR RESOLUTION: 640x480 Pixels

SENSOR PITCH: 12 Micron

FRAME RATE: 60 Hz with a 30 Hz Power Save Mode

SPECTRAL RESPONSE: 8 – 12 Microns

DISPLAY TYPE: Digital OLED – 640x480 Pixels

FIELD OF VIEW: 12° Horizontal

SYSTEM MODES: CLIP-ON / HYBRID / DEDICATED

BASIC FEATURES: E-Zoom, Polarity

ADVANCED FEATURES: NO-SHOT ZERO, Image Capture, DFC – Digital Focus Control

START-UP TIME: Approx. 5 Seconds

VIDEO OUTPUT: Analog RS-170 (with Optional Cable)

BATTERY TYPE: 2 x CR123

BATTERY LIFE: 3.5 Hours  @  60 Hz

WEAPON MOUNT: Mini D-LOC Mount – Standard Model

DAY SIGHT COMPATIBILITY: 1x up to 4x Fixed sights, 1-4x and 1-6x Variable Sights, 2.5–10x up to 4–12x Variable Sights

WEIGHT: 24.6 oz (700g)

DIMENSIONS: 7.4” L x 3.0” H x 2.95” W

ENVIRONMENTAL:

-40c to +55c Operating

-45c to +75c Storage

EXIT PUPIL: 30mm clip-on

PROPERTY OF TSA DEFENCE

PROPERTY OF TSA DEFENCE

MODELS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SENSOR</th>
<th>LENS</th>
<th>BASE FOV</th>
<th>MOUNT TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRCD-35</td>
<td>640x480</td>
<td>35mm f/1.14</td>
<td>12°</td>
<td>Mini D-LOC</td>
</tr>
</tbody>
</table>

50

51
MORE TECHNOLOGY PER SQUARE INCH THAN ANY OTHER THERMAL SIGHT

The Trijicon REAP-IR™ mini thermal riflescope is a small, light, powerful thermal riflescope that lets you engage targets in any light. It’s trusted by the most demanding shooters and hunters who require speed and accuracy for nighttime use.

SMALL PACKAGE. BRILLIANT TECHNOLOGY.

The REAP-IR™ is small, light, powerful thermal riflescope that lets you engage targets in any light. It’s trusted by demanding shooters that require speed and accuracy for nighttime use. It offers a 12° field-of-view lens, 2.5x optical magnification, a 60 Hz frame-rate system and 640x480 resolution with a 12 micron thermal core for industry-leading image quality.

- **640x480 Thermal Sensor**
  - Offers clear, crisp imagery through smoke, dust and complete darkness

- **Thumbstick System Controller**
  - Fully ruggedized, weatherproof, multidirectional thumbstick control

- **Mini D-LOC Mount**
  - Patented, compact mounting system for precision and repeatability

- **MicroIR™ 12 Micron Technology**
  - 60 Hz frame-rate system with 42% increase in magnification over 17 micron technology

- **Stadiametric Ranging**
  - Determine your distance at a moment’s notice

- **Reticle Digital Readouts**
  - Displays your current reticle position in the lower-left corner of the screen

- **EDGE DETECT Mode**
  - Offers a fraction of the brightness of other modes so your eyes are not as prone to night blindness from the screen

- **8x Digital Zoom**
  - Advanced built-in sighting system maintains boreight and increases MOA accuracy

- **Made in the USA**
  - Built for shooters by shooters right here in America
TAKE CONTROL IN TOTAL DARKNESS.

Conventional buttons won’t cut it at 3 a.m. That’s why the REAP-IR™ comes with a large, easy-to-find thumbstick controller with multidirectional functionality. It also comes with one of the most user-friendly thermal sight displays on the market. Know your current reticle position at all times, quickly determine distance to your targets, choose from six levels of white hot/black hot and take advantage of 8x digital zoom.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SENSOR TYPE</td>
<td>8-12 Microns</td>
</tr>
<tr>
<td>THERMAL SENSITIVITY</td>
<td>12°</td>
</tr>
<tr>
<td>SENSOR RESOLUTION</td>
<td>640x480 Pixels</td>
</tr>
<tr>
<td>SENSOR PITCH</td>
<td>12 Microns</td>
</tr>
<tr>
<td>FRAME RATE</td>
<td>60 Hz with a 30 Hz Power Save Mode</td>
</tr>
<tr>
<td>SPECTRAL RESPONSE</td>
<td>8 – 12 Microns</td>
</tr>
<tr>
<td>DISPLAY TYPE</td>
<td>Digital OLED</td>
</tr>
<tr>
<td>DISPLAY RESOLUTION</td>
<td>640x480 Pixels</td>
</tr>
<tr>
<td>BASIC FEATURES</td>
<td>E-Zoom, Polarity</td>
</tr>
<tr>
<td>ADVANCED FEATURES</td>
<td>DCE – Digital Contrast Enhancement, OEC – Digital Focus Control, RANGEFINDER – Stadiametric</td>
</tr>
<tr>
<td>START-UP TIME</td>
<td>Approx. 5 Seconds</td>
</tr>
<tr>
<td>VIDEO OUTPUT</td>
<td>Analog RS-170 (with Optional Cable)</td>
</tr>
<tr>
<td>BATTERY TYPE</td>
<td>2 x CR123</td>
</tr>
<tr>
<td>BATTERY LIFE</td>
<td>3 Hours @ 60 Hz – 2 batt, 5 Hours @ 30 Hz – 2 batt</td>
</tr>
<tr>
<td>DIOPTR</td>
<td>4-6</td>
</tr>
<tr>
<td>EYE RELIEF</td>
<td>27mm</td>
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<tr>
<td>RETICLE</td>
<td>Simple and Complex Reticles, MOA Adjustments, Digital Readouts, 4 Save Locations</td>
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<tr>
<td>WEIGHT</td>
<td>20.8 oz (590 g)</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>6.5” L x 3.0” H x 2.95” W</td>
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<tr>
<td>ENVIRONMENTAL</td>
<td>Operating: -40°C to +55°C, Storage: -45°C to +75°C</td>
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TAKE CONTROL IN TOTAL DARKNESS.

Conventional buttons won’t cut it at 3 a.m. That’s why the REAP-IR™ comes with a large, easy-to-find thumbstick controller with multidirectional functionality. It also comes with one of the most user-friendly thermal sight displays on the market. Know your current reticle position at all times, quickly determine distance to your targets, choose from six levels of white hot/black hot and take advantage of 8x digital zoom.

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</tr>
<tr>
<td>THERMAL SENSITIVITY</td>
<td>12°</td>
</tr>
<tr>
<td>SENSOR RESOLUTION</td>
<td>640x480 Pixels</td>
</tr>
<tr>
<td>SENSOR PITCH</td>
<td>12 Microns</td>
</tr>
<tr>
<td>FRAME RATE</td>
<td>60 Hz with a 30 Hz Power Save Mode</td>
</tr>
<tr>
<td>SPECTRAL RESPONSE</td>
<td>8 – 12 Microns</td>
</tr>
<tr>
<td>DISPLAY TYPE</td>
<td>Digital OLED</td>
</tr>
<tr>
<td>DISPLAY RESOLUTION</td>
<td>640x480 Pixels</td>
</tr>
<tr>
<td>BASIC FEATURES</td>
<td>E-Zoom, Polarity</td>
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<td>ADVANCED FEATURES</td>
<td>DCE – Digital Contrast Enhancement, OEC – Digital Focus Control, RANGEFINDER – Stadiametric</td>
</tr>
<tr>
<td>START-UP TIME</td>
<td>Approx. 5 Seconds</td>
</tr>
<tr>
<td>VIDEO OUTPUT</td>
<td>Analog RS-170 (with Optional Cable)</td>
</tr>
<tr>
<td>BATTERY TYPE</td>
<td>2 x CR123</td>
</tr>
<tr>
<td>BATTERY LIFE</td>
<td>3 Hours @ 60 Hz – 2 batt, 5 Hours @ 30 Hz – 2 batt</td>
</tr>
<tr>
<td>DIOPTR</td>
<td>4-6</td>
</tr>
<tr>
<td>EYE RELIEF</td>
<td>27mm</td>
</tr>
<tr>
<td>RETICLE</td>
<td>Simple and Complex Reticles, MOA Adjustments, Digital Readouts, 4 Save Locations</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>20.8 oz (590 g)</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>6.5” L x 3.0” H x 2.95” W</td>
</tr>
<tr>
<td>ENVIRONMENTAL</td>
<td>Operating: -40°C to +55°C, Storage: -45°C to +75°C</td>
</tr>
</tbody>
</table>

TAKE CONTROL IN TOTAL DARKNESS.

Conventional buttons won’t cut it at 3 a.m. That’s why the REAP-IR™ comes with a large, easy-to-find thumbstick controller with multidirectional functionality. It also comes with one of the most user-friendly thermal sight displays on the market. Know your current reticle position at all times, quickly determine distance to your targets, choose from six levels of white hot/black hot and take advantage of 8x digital zoom.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SENSOR TYPE</td>
<td>8-12 Microns</td>
</tr>
<tr>
<td>THERMAL SENSITIVITY</td>
<td>12°</td>
</tr>
<tr>
<td>SENSOR RESOLUTION</td>
<td>640x480 Pixels</td>
</tr>
<tr>
<td>SENSOR PITCH</td>
<td>12 Microns</td>
</tr>
<tr>
<td>FRAME RATE</td>
<td>60 Hz with a 30 Hz Power Save Mode</td>
</tr>
<tr>
<td>SPECTRAL RESPONSE</td>
<td>8 – 12 Microns</td>
</tr>
<tr>
<td>DISPLAY TYPE</td>
<td>Digital OLED</td>
</tr>
<tr>
<td>DISPLAY RESOLUTION</td>
<td>640x480 Pixels</td>
</tr>
<tr>
<td>BASIC FEATURES</td>
<td>E-Zoom, Polarity</td>
</tr>
<tr>
<td>ADVANCED FEATURES</td>
<td>DCE – Digital Contrast Enhancement, OEC – Digital Focus Control, RANGEFINDER – Stadiametric</td>
</tr>
<tr>
<td>START-UP TIME</td>
<td>Approx. 5 Seconds</td>
</tr>
<tr>
<td>VIDEO OUTPUT</td>
<td>Analog RS-170 (with Optional Cable)</td>
</tr>
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