2017 TRIJICON® ELECTRO OPTICS DIVISION BRILLIANT THERMAL SYSTEMS



TAKE ON THE NIGHT.

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.

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SUPERIOR THERMAL IMAGING TECHNOLOGY

Thermal imaging does not collect light like image intensification (l²) 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.



TRIJICON®

Holding A Stick 320x240 vs. 640x480



Holding A Gun 320x240 vs. 640x480





17 MICRON vs. 12 MICRON

THERMAL SENSOR

Trijicon[®] thermal optics utilize a MicrolR[™] 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)
- Uncooled Technology
- > 60 Hz High-Speed Frame Rate
- > VOx (Vanadium Oxide)

Miniaturized Circuitry Longer Battery Life

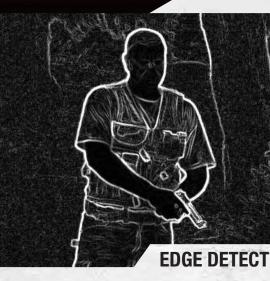
> Integral Heat Sync For Thermal Stability

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.



BLACK HOT



All images are taken with the IR-HUNTER[®] and IR-PATROL[™] systems

WHITE HOT

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.

TRIJICON IR-PATROL THERMAL MONOCULAR

> 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.





Image taken with 3rd Gen Image Intensified



Image taken with IR-PATROL M250



Image taken with IR-PATROL







MODULAR BY DESIGN

With the Trijicon IR-PATROL[™], you can choose from handheld, helmetmounted 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.

SENSOR TYPE Uncooled VOx LWIR

THERMAL SENSITIVITY

SENSOR RESOLUTION 640x480 Pixels

SENSOR PITCH 12 Micron

FRAME RATE 60 Hz M250/M300W 30 Hz LE100/LE100C

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. 5 Seconds

VIDEO OUTPUT Analog RS-170 (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. IRDMNT-9974

WEAPON MOUNT Used with Model M300W Part No. IRDMNT-9971

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

DIMENSIONS 5.95" L x 2.0" H x 2.95" W LE100/LE100C

DIOPTER -6/+2

EYE RELIEF 27mm

ENVIRONMENTAL -40c to +55c Operating -45c to +75c Storage

HANDHELD SYSTEM LE100, LE100C & M250XR



MODELS

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 M250

The M250 comes with an integrated Wilcox[®] shoe 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 M300W

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.

MODEL	FRAME RATE	POLARITY/ZOOM	IMAGE CAPTURE	EDGE DETECT	VIDEO OUT	RETICLE FEATURE
IRMO-100	30 Hz	х				
IRMO-100C	30 Hz	х	х			
IRMO-250	60 Hz	х	х	x	x	
IRMO-250XR	60 Hz	х	х	x	x	
IRMO-300	60 Hz	x	x	x	x	x

LE100 & LE100C



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Optional 2x and 3x Magnifiers



IR-PATROL[™] with Download Cable

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

Integrated Accessory Rail Built-In Mini-Picatinny Rail

MIL Spec Construction 6061-T6 Aluminum Housing

> Thumbstick Controller Intuitive User Interface

Manual Focus Lens Objective Lens with Manual Focus TRIJICON **IR-PATROL**[™] THERMAL MONOCULAR

M250XR

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M250XR EXTENDED RANGE

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

Tripod Not Included

Manual Focus Lens Smooth Manual Focus for Fast Targeting 17

Long-Range Surveillance 60mm Lens for Mile+ Detection

Thumbstick Controller Intuitive User Interface

> Integrated Accessory Rail -Built-In Mini-Picatinny Rail

MIL Spec Construction 6061-T6 Aluminum Housing

Tripod Interface

Include

TRIJICON **IR-PATROL**[™] THERMAL MONOCULAR

M250







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



Optional Helmet Interface Wilcox[®] Side Mount

Optional Helmet Mount Wilcox® G24 Helmet Mount

Helmet not included.

Multiple Adjustments Interpupillary/Height/Tilt

Thumbstick Controller Intuitive User Interface

TRIJICON IR-PATROL[™] THERMAL MONOCULAR

M300W

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Side Flip Mount Pictured



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

Vilcox®

- ► 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



Integrated Accessory Rail* Built-In Mini-Picatinny Rail

 Optional Weapon Mount Wilcox[®] Side Flip Mount

MIL Spec Construction – 6061-T6 Aluminum Housing

> Eye Guard Recoil Protection/Light Discipline

TRIJICON IR-PATROL THERMAL MONOCULAR

*RMR Not Included

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BRIDGE ASSEMBLIES & MOUNTS

SINGLE- AND DUAL-BRIDGE ASSEMBLIES & MOUNTS BY WILCOX



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 "breakaway" 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 fielded products.







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.

•••

Amber Filter

Download Cable





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SYSTEM	IR-PATROL [™] LE100	IR-PATROL [™] LE100C	IR-PATROL [™] M250XR	IR-PATROL [™] M250	IR-PATROL [™] M250 Kit	
SENSOR RESOLUTION	640x480	640x480	640x480	640x480	640x480	
SENSOR MICRON	MicroIR 12	MicroIR 12	MicroIR 12	MicroIR 12	MicroIR 12	
SENSOR TYPE	VOx Vanadium-Oxide	VOx Vanadium-Oxide	VOx Vanadium-Oxide	VOx Vanadium-Oxide	VOx Vanadium-Oxide	
FIELD OF VIEW	22°	22°	7°	22°	22°	
MAGNIFICATION E-ZOOM	1x Optical/8x Digital	1x Optical/8x Digital	4.5x Optical/36x Digital	1x Optical/8x Digital	1x Optical/8x Digital	
OBJECTIVE LENS	19mm f/1.1	19mm f/1.1	60mm f/1.25	19mm f/1.1	19mm f/1.1	
DISPLAY TYPE	Digital OLED	Digital OLED	Digital OLED	Digital OLED	Digital OLED	
BATTERY TYPE	CR123 Lithium	CR123 Lithium	CR123 Lithium	CR123 Lithium	CR123 Lithium	
BATTERY LIFE	2 hr. @ 30 Hz	2 hr. @ 30 Hz	1.5 hr. @ 60 Hz	1.5 hr. @ 60 Hz	1.5 hr. @ 60 Hz	
FRAME RATE	30 Hz	30 Hz	60 Hz	60 Hz	60 Hz	
USER INTERFACE	Thumbstick	Thumbstick	Thumbstick	Thumbstick	Thumbstick	
POLARITY/ZOOM/DFC	Yes	Yes	Yes	Yes	Yes	
IMAGE CAPTURE	No	Yes	Yes	Yes	Yes	
EDGE DETECT	No	No	Yes	Yes	Yes	
SHOE INTERFACE	No	No	Yes	Yes	Yes	
CONFIGURATION LEVEL	No	No	Yes	Yes	Yes	
VIDEO OUT	No	No	Yes	Yes	Yes	
RETICLE FEATURE	No	No	No	No	No	
HELMET MOUNT KIT	No	No	No	No	Yes	
WEAPON FLIP MOUNT KIT	No	No	No	No	No	



PATROL [™] M300W	IR-PATROL [™] M300W Kit	IR-PATROL [™] M300W-TK
640x480	640x480	640x480
MicroIR 12	MicroIR 12	MicroIR 12
x Vanadium-Oxide	VOx Vanadium-Oxide	VOx Vanadium-Oxide
22°	22°	22°
Optical/8x Digital	1x Optical/8x Digital	1x Optical/8x Digital
19mm f/1.1	19mm f/1.1	19mm f/1.1
Digital OLED	Digital OLED	Digital OLED
CR123 Lithium	CR123 Lithium	CR123 Lithium
1.5 hr. @ 60 Hz	1.5 hr. @ 60 Hz	1.5 hr. @ 60 Hz
60 Hz	60 Hz	60 Hz
Thumbstick	Thumbstick	Thumbstick
Yes	Yes	Yes
No	No	Yes
No	Yes	Yes



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TRIJICON IR-HUNTER[®] Thermal Riflescope

LIGHTS-OUT PRECISION FOR A SUPERIOR HUNTING ADVANTAGE

More than 20 years of night vision system design has led us to the Trijicon 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 MIL Spec digital OLED micro display for crisp, precise imagery that lets you hunt for hours and hours. And with similar turret knob controls as your day optic, the IR-HUNTER lets you take your shot with confidence. Even in complete darkness.



GERMANIUM LENS

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

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.



Image taken with IR-HUNTER® MK2.



Stadiametric Rangefinder lets you determine your distance at a moment's notice.





TRIJICON **IR-HUNTER**[®] THERMAL RIFLESCOPE

VERSATILE BY DESIGN

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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.

SENSOR TYPE Uncooled VOx (Vanadium Oxide)

THERMAL SENSITIVITY <50ml

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

DISPLAY RESOLUTION 640x480 Pixels

BASIC FEATURES E-Zoom, Polarity

ADVANCED FEATURES DCE – Digital Contrast Enhancement ETR – Enhanced Target Recognition RANGEFINDER – Stadiametric MK3

START-UP TIME Approx. 5 Seconds

VIDEO OUTPUT Analog RS-170 (with Optional Cable BATTERY TYPE MK2: 2 x CR123 MK3: 3 x CR123

BATTERY LIFE 3.5 Hours @ 60 Hz

WEAPON MOUNT LaRue Tactical Rail Mount

RETICLE Simple and Complex Reticles **MOA Adjustments** Digital Readouts (MK3) 4 Save Locations (MK3)

WEIGHT MK2 20mm: 29.1 oz (825g) MK2 35mm/MK3 35mm: 34.9 oz (989g) MK3 60mm: 37 oz (1050g)

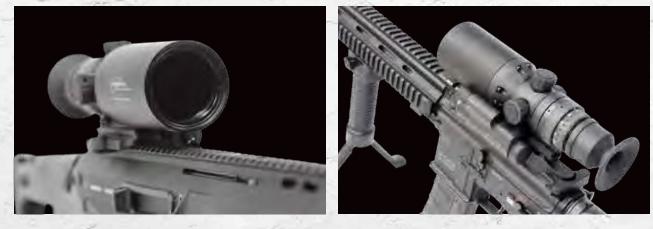
DIMENSIONS 1.5x Model 6.5" L x 2.9" H x 3.1" W 2.5x Model 7.4" L x 2.9" H x 3.1" W 4.5x Model 7.6" L x 3.1" H x 3.3" W

DIOPTER -6/+2

EYE RELIEF 27mm

ENVIRONMENTAL -40c to +55c Operating -45c to +75c Storage

STANDARD SYSTEM



many options and features.

MODELS

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

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.

MODEL	OPTICAL MAG	DIGITAL MAG	LENS	BASE FOV
IRMK2-20	1.5x	12x	19mm f/1.1	22°
IRMK2-35	2.5x	20x	35mm f/1.2	12°
IRMK3-35	2.5x	20x	35mm f/1.2	12°
IRMK3-60	4.5x	36x	60mm f/1.25	7°

MK2 20MM

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IR-HUNTER[®] MK2 20MM

- 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 Intuitive User Interface

MIL Spec Construction 6061-T6 Aluminum Housing Video Output Superior Video Connector

> Athermalized Lenses DLC Hard-Coated/Sealed Optics

Eye Guard Recoil Protection / Light Discipline

ANNUAL DE LE COMPANY

LaRue™ Throw-Lever Mount Tactical Quick Disconnect

TRIJICON IR-HUNTER® THERMAL RIFLESCOPES

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

Eye Guard Recoil Protection/Light Discipline





Turret Adjustment Knobs Intuitive User Interface

MIL Spec Construction 6061-T6 Aluminum Housing

Video Output Superior Video Connecto

> Athermalized Lenses DLC Hard Coated/Sealed Optics

LaRue™ Throw-Lever Mount Tactical Quick Disconnect

TRIJICON **IR-HUNTER**[®] **THERMAL RIFLESCOPES**

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



Eye Guard Recoil Protection/Light Discipline



Turret Adjustment Knobs Intuitive User Interface

MIL Spec Construction 6061-T6 Aluminum Housing

35mm Athermalized Lenses DLC Hard-Coated/Sealed Optics

Flip-Cap Modeled Flip-Cap for Easy Calibration

LaRue[™] Throw-Lever Mount Tactical Quick Disconnect

TRIJICON **IR-HUNTER**[®] **THERMAL RIFLESCOPES**

MK3 60MM

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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



Flip-Cap Modeled Flip-Cap for Easy Calibrat

Turret Adjustment Knobs Intuitive User Interface

MIL Spec Construction 6061-T6 Aluminum Housing

> Eye Guard Recoil Protection/Light Disciplin

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60mm Athermalized Lenses DLC Hard-Coated/Sealed Optics

> Dual Lever LaRue™ Mount Tactical Quick Disconnect

Battery Extender Extended Time of Operation

TRIJICON **IR-HUNTER**[®] **THERMAL RIFLESCOPES**

INTELLIGENT RETICLES

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

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- > Works the Same as First Focal Plane
- > Selectable Reticles

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Intelligent Auto-Contrast

147 Week at 150 74805

247 Wildow at 200 PA

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.

TSR – THERMAL SUBTENSION RETICLE



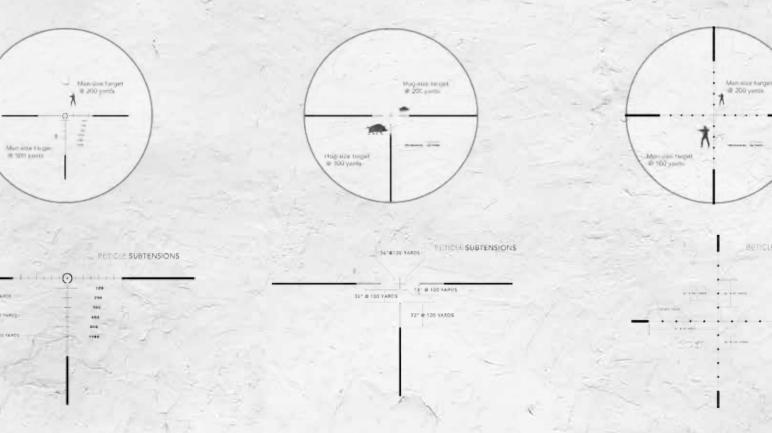
One of the easiest reticles to use is our TCR Thermal Combat Reticle, which is a simple crosshair in the center. The width of the crosshair is always 36 MOA or 36" at 100 yards. Half of the crosshair is 18 MOA, which is the width of a man at 100 yards. If a man-size target is the height of the crosshair, 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 MII DOT. But instead of each dot representing 1000:1, our system is calibrated at 100:1, so the distance between the dots is 100 yards.

CLE SUBTENSION

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ETR – ENHANCED TARGET RECOGNITION INCREASED TARGETING

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.



ETR Turned On







ETR Turned On



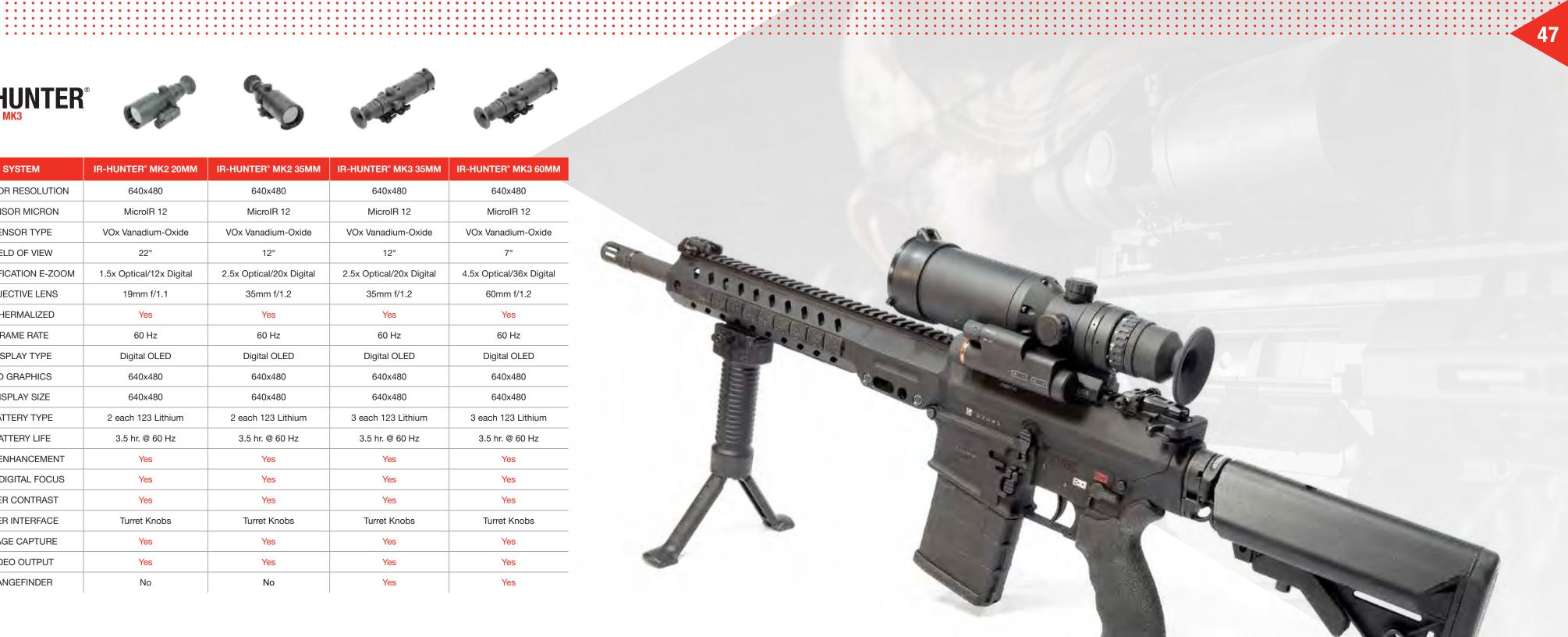








SYSTEM	IR-HUNTER [®] MK2 20MM	IR-HUNTER [®] MK2 35MM	IR-HUNTER [®] MK3 35MM	IR-HUNTER [®] MK3 60MM
SENSOR RESOLUTION	640x480	640x480	640x480	640x480
SENSOR MICRON	MicroIR 12	MicroIR 12	MicroIR 12	MicroIR 12
SENSOR TYPE	VOx Vanadium-Oxide	VOx Vanadium-Oxide	VOx Vanadium-Oxide	VOx Vanadium-Oxide
FIELD OF VIEW	22°	12°	12°	7°
MAGNIFICATION E-ZOOM	1.5x Optical/12x Digital	2.5x Optical/20x Digital	2.5x Optical/20x Digital	4.5x Optical/36x Digital
OBJECTIVE LENS	19mm f/1.1	35mm f/1.2	35mm f/1.2	60mm f/1.2
ATHERMALIZED	Yes	Yes	Yes	Yes
FRAME RATE	60 Hz	60 Hz	60 Hz	60 Hz
DISPLAY TYPE	Digital OLED	Digital OLED	Digital OLED	Digital OLED
HD GRAPHICS	640x480	640x480	640x480	640x480
DISPLAY SIZE	640x480	640x480	640x480	640x480
BATTERY TYPE	2 each 123 Lithium	2 each 123 Lithium	3 each 123 Lithium	3 each 123 Lithium
BATTERY LIFE	3.5 hr. @ 60 Hz			
ETR ENHANCEMENT	Yes	Yes	Yes	Yes
DFC DIGITAL FOCUS	Yes	Yes	Yes	Yes
USER CONTRAST	Yes	Yes	Yes	Yes
USER INTERFACE	Turret Knobs	Turret Knobs	Turret Knobs	Turret Knobs
IMAGE CAPTURE	Yes	Yes	Yes	Yes
VIDEO OUTPUT	Yes	Yes	Yes	Yes
RANGEFINDER	No	No	Yes	Yes



THE NEXT-GENERATION CLIP-ON SIGHT FOR 24-HOUR DOMINATION IN ANY LIGHT

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.

TRIJICON SNIPE-IR[™] THERMAL CLIP-ON

THE TECHNOLOGY ADVANTAGE

Digital OLED Display

640x480 OLED offers a pixel-to-pixel match with the sensor for the clearest possible image

MicroIR[™] 12 Micron Technology Incredible 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.

MODELS

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 EXIT PUPIL 30mm clip-on

ENVIRONMENTAL

-40c to +55c Operating -45c to +75c Storage

MODEL	SENSOR	LENS	BASE FOV	MOUNT TYPE
IRCO-35	640x480	35mm f/1.14	12°	Mini D-LOC



SMALL. LIGHTWEIGHT. BRILLIANT.

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.

TRIJICON **REAP-IR**[™] MINI THERMAL RIFLESCOPE

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 boresight and increases MOA accuracy

Made in the USA

A CONTRACTOR

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

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

DISPLAY RESOLUTION 640x480 Pixels

BASIC FEATURES E-Zoom, Polarity

ADVANCED FEATURES

DCE – Digital Contrast Enhancemen DFC – Digital Focus Control **RANGEFINDER - Stadiametric**

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 - 2 batt. 5 Hours @ 30 Hz – 2 batt.

WEAPON MOUNT Mini D-LOC Picatinny Rail Mount

RETICLE Simple and Complex Reticles MOA Adjustments **Digital Readouts** 4 Save Location

WEIGHT 20.8 oz (590 g) DIMENSIONS 6.5" L x 3.0" H x 2.95" W

DIOPTER -6/+2

EYE RELIEF 27mm

ENVIRONMENTAL

-40c to +55c Operating -45c to +75c Storage

MODELS

MODEL	OPTICAL MAG	DIGITAL MAG	LENS	BASE FOV
IRMS-35	2.5x	20x	35mm f/1.14	12°



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