

# Trijicon REAP-IR<sup>®</sup>

MINI THERMAL RIFLESCOPE



Electro Optics Division



## SUPERIOR IMAGE QUALITY

- **640x480 resolution** - 4 times as many pixels as competing 320 systems
- **12 micron pixel pitch** - smaller footprint and increased magnification over competing 17 micron systems
- **60 Hz Frame rate** - improved clarity for moving images

## INTUITIVE CONTROLS

- **New “Easy Zero” method** greatly simplifies getting rounds on target
- **Simple thumbstick control** navigates menu functions

## RUGGED, RELIABLE, AMERICAN MADE

- **Designed, constructed and tested to MIL-STD-810G**
- **Made in Auburn, California**

## NEW AND IMPROVED:

- » Easy Zero Method
- » Ruggedized Battery Compartment with Improved Ergonomics
- » Integrated Picatinny Rail
- » Additional Magnification Options

Traditional Night Vision vs.  
Trijicon Electro Optics Thermal Technology



Night Vision



Trijicon Electro Optics

12 $\mu$ m vs. 17 $\mu$ m  
Core Technology



17 micron



12 micron  
Trijicon

640x480 vs. 320x240  
Resolution



320x240

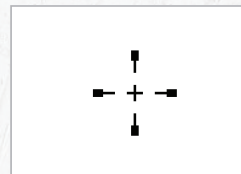
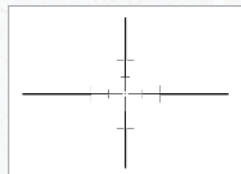
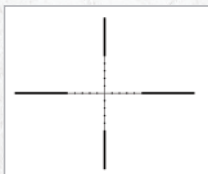
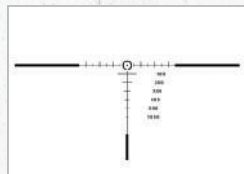


640x480  
Trijicon

Trijicon Electro Optics  
12 $\mu$ m, 640x480 @ 60Hz



Included Reticles:





# SPECIFICATIONS



NEW



NEW



NEW

SYSTEM	IRMS-20-2	IRMS-35	IRMS-35-2	IRMS-60-2
SENSOR RESOLUTION	640x480	640x480	640x480	640x480
SENSOR MICRON	12 µm	12 µm	12 µm	12 µm
SENSOR TYPE	VOx Vanadium Oxide	VOx Vanadium Oxide	VOx Vanadium Oxide	VOx Vanadium Oxide
FRAME RATE	60 Hz	60 Hz	60 Hz	60 Hz
DISPLAY TYPE	Digital OLED	Digital OLED	Digital OLED	Digital OLED
THERMAL SENSITIVITY	< 50 mK	< 50 mK	< 50 mK	< 50 mK
SPECTRAL RESPONSE	8-12 MICRONS	8-12 MICRONS	8-12 MICRONS	8-12 MICRONS
FIELD OF VIEW	22°	12°	12°	7°
EYE RELIEF	27mm	27mm	27mm	27mm
DIOPTER	-6 /+2	-6 /+2	-6 /+2	-6 /+2
MAGNIFICATION / E-ZOOM	1x Optical / 8x Digital	2.5x Optical / 8x Digital	2.5x Optical / 8x Digital	4.5x Optical / 8x Digital
OBJECTIVE LENS	19mm f/1.2	35mm f/1.14	35mm f/1.14	60mm f/1.25
BATTERY PACK	Top Loading / Vertical	Front Loading / Horizontal	Top Loading / Vertical	Top Loading / Vertical
BATTERY TYPE	(2) CR123 Lithium	(2) CR123 Lithium	(2) CR123 Lithium	(2) CR123 Lithium
BATTERY LIFE	Approx. 2 hours / battery	Approx. 2 hours / battery	Approx. 2 hours / battery	Approx. 2 hours / battery
ENVIRONMENTAL	-40°C to +55°C Operating -45°C to +75°C Storage	-40°C to +55°C Operating -45°C to +75°C Storage	-40°C to +55°C Operating -45°C to +75°C Storage	-40°C to +55°C Operating -45°C to +75°C Storage
WEIGHT	16 oz. / 454g	20.8 oz. / 590g	24.5 oz. / 694g	32.0 oz. / 907g
DIMENSIONS (LxWxH)	5.95 in. x 3.42 in. x 2.96 in. 151.1mm x 86.8mm x 75.18mm	6.5 in. x 3.0 in. x 2.95 in. 165.1mm x 76.2mm x 74.9mm	6.28 in. x 3.42 in. x 2.96 in. 159.5mm x 86.8mm x 75.18mm	7.51 in. x 3.42 in. x 2.96 in. 190.8mm x 86.8mm x 75.18mm
USER INTERFACE	Thumbstick	Thumbstick	Thumbstick	Thumbstick
ACCESSORY MOUNT INTERFACE	Picatinny Rail	Wilcox Shoe	Picatinny Rail	Picatinny Rail
MOUNTING KIT	Mini Picatinny Rail Mount	Mini Picatinny Rail Mount	Mini Picatinny Rail Mount	Mini Picatinny Rail Mount
EASY ZERO	✓	n/a	✓	✓
IMAGE CAPTURE	Approx. 60 images	Approx. 60 images	Approx. 60 images	Approx. 60 images
VIDEO OUT	✓	✓	✓	✓
MSRP	\$6,999	\$7,999	\$7,999	\$9,499

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WARNING

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