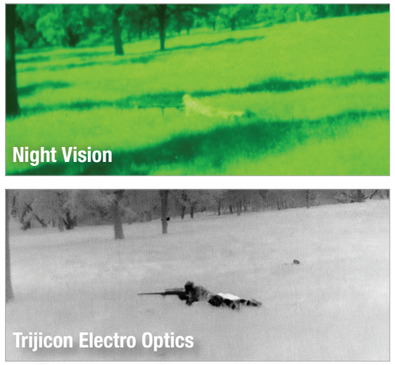
Image Capabilities

Traditional Night Vision vs.
Trijicon Electro Optics Thermal Technology



320x240 vs. 640x480 Resolution

320x240

640x480
Trijicon

Trijicon Electro Optics
12µm, 640x480 @ 60Hz

Field of View
Subject shown 100m from thermal optic at 1x digital magnification.

REAP-IR 24mm

REAP-IR 35mm

REAP-IR 60mm

Advanced Polarity Control

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Trijicon REAP-IR®

Mini Thermal Riflescope

The REAP-IR® mini thermal riflescope is a small, rugged, and powerful thermal riflescope that lets you engage targets in any light. The heart of the system is a state-of-the art 640x480, 12 micron thermal image sensor that provides superior image quality in any lighting condition. Redesigned electronic hardware and a new digital thumbstick improve system response and enables the use of external USB power sources and digital video recorders. It's engineered to last and built in the USA.

Superior Image Quality

- 640x480 resolution - 4 times as many pixels as competing 320 systems
- 12 micron pixel pitch - smaller footprint than 17 micron systems
- 60 Hz Frame rate - improved clarity for moving images
- New manual focus adjustment (60mm only)

Improved Controls

- Improved digital thumbstick provides faster system response
- New USB-C port allows the use of external power sources

Legendary Trijicon Durability

- Designed, constructed and tested to MIL-STD-810G
- Made in the USA

The Science of Brilliant®

At Trijicon, we are bound by a commitment to industry-leading research, design, and testing to seek innovative aiming solutions that constantly redefine "brilliant." That's why Trijicon products are subjected to the below testing methods.

Alaska-to-Africa Tested | Immersion Tested | Solid Zero Tested
Vibration Tested | Drop Tested

Visit Trijicon.com/Science to learn more.

Features and Benefits

A **Faster System Control**
New and improved digital thumbstick provides improved system response

B **Expanded Functionality**
New USB-C connector allows the use of external battery packs and download of analog and digital video with available adapter with compatible DVRs

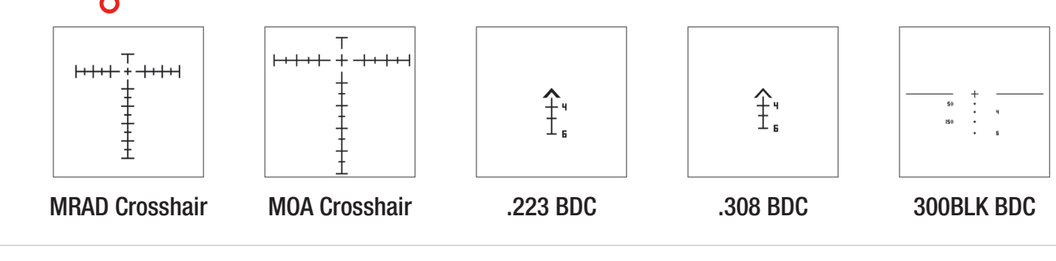
C **Premium Image Quality**
New manual focus adjustment (60mm only) for improved image quality at all distances

D **Vertical Battery Compartment Design**
This vertical design creates a slimmer look and is engineered for increased durability and solid battery connection

E **Mounting Versatility**
New quick release mount featuring Trijicon® Q-LOC™ Technology provides multiple mounting locations with the ability to affix the scope rapidly and reliably in the dark

F **Improved Reticle Choices**
User-selectable reticle choices include the classic crosshair, and new MRAD, MOA, .223 REM, .308 WIN, and 300BLK BDC

Trijicon REAP-IR®
60mm



Specifications

System	REAP-24-3	REAP-35-3	REAP-60-3
Sensor Resolution	640x480	640x480	640x480
Sensor Micron	12 µm	12 µm	12 µm
Sensor Type	Vox Vanadium Oxide	Vox Vanadium Oxide	Vox Vanadium Oxide
Frame Rate	60 Hz	60 Hz	60 Hz
Display Type	Digital OLED	Digital OLED	Digital OLED
Thermal Sensitivity	< 50 mK	< 50 mK	< 50 mK
Spectral Response	8-12 µm	8-12 µm	8-12 µm
Field of View	18°	12°	7°
Eye Relief	27mm	27mm	27mm
Diopter	-6 / +2	-6 / +2	-6 / +2
Optical Magnification	1.2x	1.75x	3x
Digital Zoom	1-8x	1-8x	1-8x
Combined Magnification	1.2-9.6x	1.75-14x	3-24x
Objective Lens	24mm f/1.2	35mm f/1.2	60mm f/1.25
Battery Pack	Top Loading / Vertical	Top Loading / Vertical	Top Loading / Vertical
Battery Type	(2) CR123 and/or External USB	(2) CR123 and/or External USB	(2) CR123 and/or External USB
Battery Life	Approx. 4 hrs using (2) CR123	Approx. 4 hrs using (2) CR123	Approx. 4 hrs using (2) CR123
Environmental	-25.6°F (-32°C) to 122°F (50°C) Operating -59.8°F (-51°C) to 160°F (71°C) Storage	-25.6°F (-32°C) to 122°F (50°C) Operating -59.8°F (-51°C) to 160°F (71°C) Storage	-25.6°F (-32°C) to 122°F (50°C) Operating -59.8°F (-51°C) to 160°F (71°C) Storage
Submersion	1m / 1 hr	1m / 1 hr	1m / 1 hr
Weight	24.7 oz / 728g	26.5 oz / 751g	37.8 oz / 1071g
Dimensions (LxWxH)**	8.4 in. x 3.1 in. x 2.9 in. (214.1mm x 79.3mm x 73.1mm)	8.6 in. x 3.1 in. x 2.9 in. (220.4mm x 79.3mm x 73.1mm)	9.7 in. x 3.1 in. x 2.9 in. (247.6mm x 79.3mm x 73.1mm)
User Interface	Joystick	Joystick	Joystick
Mounting Kit	Mini Picatinny Rail Mount	Mini Picatinny Rail Mount	Mini Picatinny Rail Mount
Easy Zero	Y	Y	Y
Image Capture	Y	Y	Y

*** length does not include flip caps, width does not include mount knob, height from top of rail*

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