



Trijicon

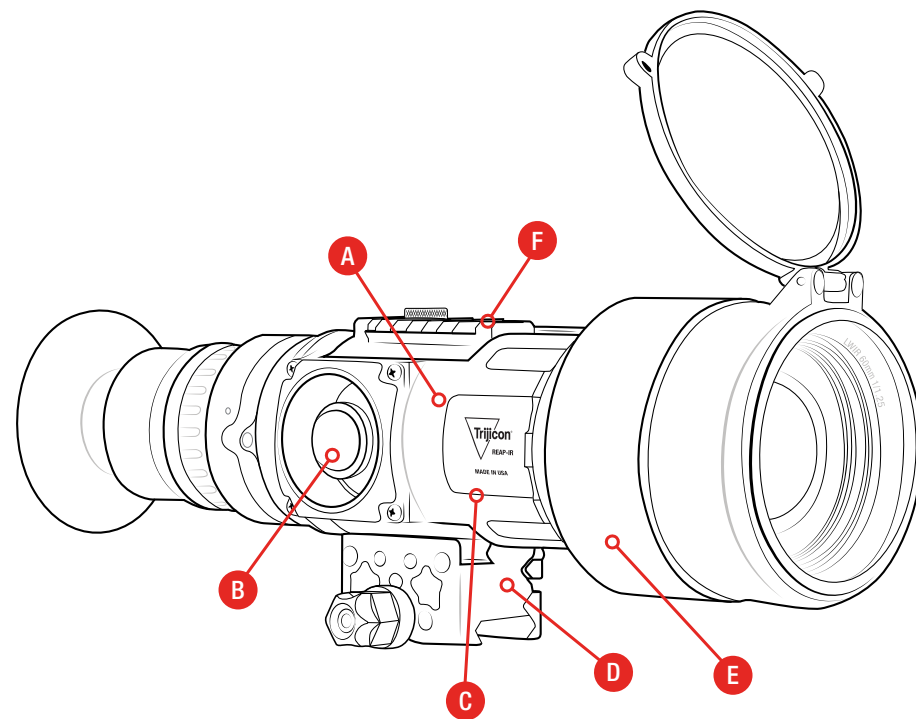
# REAP-IR®

## GET ROUNDS ON TARGET FASTER THAN EVER

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. Choose from multiple magnification levels and fields of view to fit your specific needs.

## Features and Benefits

- A Outstanding Image Quality**  
The state-of-the-art 640x480, 12 micron, 60 Hz thermal core provides exceptional clarity in complete darkness.
- B Easy-to-Use**  
The miniature thumbstick, simple menu system, and user configurable quick select menu enable quick zeroing and intuitive control.
- C Built to Endure**  
The machined 6061 aluminum housing was designed and tested to MIL-STD-810G for years of worry-free use in the field.
- D DLOC Quick Release Mount**  
This mount design retains zero and enables rapid transition from handheld observation to rifle mounted use.
- E Multiple Magnification Options**  
Choose from several base magnifications—designed for different shooting scenarios—and enjoy extended shots with the digital zoom.
- F Mini-Picatinny Interface**  
Easily enables the use of optional accessories.



# Specifications



System	IRMS-20-2	IRMS-35
Sensor Resolution	640x480	640x480
Sensor Micron	12 Micron	12 Micron
Sensor Type	VOx Vanadium Oxide	VOx Vanadium Oxide
Frame Rate	60 Hz	60 Hz
Display Type	Digital OLED	Digital OLED
Thermal Sensitivity	< 50 mK	< 50 mK
Spectral Response	8–12 Micron	8–12 Micron
Field of View	22°	12°
Eye Relief	27mm	27mm
Diopter	-6 /+2	-6 /+2
Magnification / E-Zoom	1x Optical / 8x Digital	2.5x Optical / 8x Digital
Objective Lens	19mm f/1.2	35mm f/1.14
Battery Pack	Top Loading / Vertical	Front Loading / Horizontal
Battery Type	(2) CR123 Lithium	(2) CR123 Lithium
Battery Life	Approx. 2 Hours Per Battery	Approx. 2 Hours Per 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
Weight	16 oz. / 454g	20.8 oz. / 590g
Dimensions (L x W x H)	5.95 x 3.42 x 2.96 in. 151.1 x 86.8 x 75.18mm	6.5 x 3.0 x 2.95 in. 165.1 x 76.2 x 74.9mm
User Interface	Thumbstick	Thumbstick
Accessory Mount Interface	Picatinny Rail	Wilcox Shoe
Mounting Kit	Mini Picatinny Rail Mount	Mini Picatinny Rail Mount
Easy Zero	✓	N/A
Image Capture	Approx. 60 images	Approx. 60 images
Video Out	✓	✓

IRMS-35-2	IRMS-60-2
640x480	640x480
12 Micron	12 Micron
VOx Vanadium Oxide	VOx Vanadium Oxide
60 Hz	60 Hz
Digital OLED	Digital OLED
< 50 mK	< 50 mK
8–12 Micron	8–12 Micron
12°	7°
27mm	27mm
-6 /+2	-6 /+2
2.5x Optical / 8x Digital	4.5x Optical / 8x Digital
35mm f/1.14	60mm f/1.25
Top Loading / Vertical	Top Loading / Vertical
(2) CR123 Lithium	(2) CR123 Lithium
Approx. 2 Hours Per Battery	Approx. 2 Hours Per Battery
-40°C to +55°C Operating -45°C to +75°C Storage	-40°C to +55°C Operating -45°C to +75°C Storage
24.5 oz. / 694g	32.0 oz. / 907g
6.28 x 3.42 x 2.96 in. 159.5 x 86.8 x 75.18mm	7.51 x 3.42 x 2.96 in. 190.8 x 86.8 x 75.18mm
Thumbstick	Thumbstick
Picatinny Rail	Picatinny Rail
Mini Picatinny Rail Mount	Mini Picatinny Rail Mount
✓	✓
Approx. 60 images	Approx. 60 images
✓	✓