

# SNIPE-IR™

## THERMAL CLIP-ON

Actual Image from IR DEFENSE 640x480 system at Night

### SNIPE-IR Advantages

- CLIP-ON / CLIP-OFF
- 60hz Super Fast Image
- Superior Collimating Optic
- NO SHOT ZERO sight in
- Small Package
- New HYBRID Mode

### SNIPE-IR Features

- 640x480 Thermal Sensor
- Thumb Stick Control
- D-LOC Mount
- 12° Horizontal FOV
- Mil. Spec Construction
- Dedicated Mode
- Polarity and Zoom Modes
- 12 MICRON Technology
- 100% Made in USA



IR DEFENSE  
CORPORATION

#### EXPORT WARNING

Export of the commodities described herein is strictly prohibited without a valid export license issued by the U.S. Department of State, Directorate of Defense Trade Controls as proscribed in the International Traffic in Arms Regulations (ITAR), Title 22 Code of Federal Regulation, Parts 120-130



## SNIPE-IR™

### THERMAL CLIP-ON

The IR Defense SNIPE-IR 640x480 thermal Clip-On sight is built on the chassis of the proven REAP-IR mini thermal sight. The system provides the user with pass through thermal capabilities to their existing magnified day optic. With new advanced features such as HYBRID mode and NO SHOT ZERO the SNIPE-IR will deliver on both performance and ease of use. The 640x480 12um Micron VOx sensor combined with the OLED emagin micro display allows superior viewing through most conditions including smoke, dust and complete darkness.

Designed and optimized to work with the 4x32 ACOG the SNIPE-IR performs great with 3x and 4x day optics as well as a large range of variable rifle sights. The all new NO SHOT ZERO feature makes it very easy for the user to verify that the SNIPE-IR has boresight when attached for the first time. Our new HYBRID mode will allow full frame imaging to deliver the best image quality for better accuracy and identification when targeting. Available with a mini D-LOC mount or for the tactical users, the Wilcox flip to side mount.



SNIPE-IR in front of a Trijicon NCOG 1-6x Variable Day Sight

## SPECIFICATIONS

**Sensor Type**  
Uncooled VOx (Vanadium Oxide)

**Thermal Sensitivity**  
<50mk

**Sensor Resolution**  
640 x 480

**Sensor Pitch**  
12um Micron

**Frame Rate**  
60hz with a 30hz Power Save Mode

**Spectral Responce**  
8 - 12 um

**Display Type**  
Emagin OLED - 640x480 Pixels

**Objective Lens**  
Umicore 35mm - GASIR - F/1.14

**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**  
>5 Seconds

**Video Output**  
Analog RS-170 (with Optional Cable)

**Battery Type**  
1 or 2 each CR123 3 volt

**Battery Life**  
2 - 3.5 Hours @ 60hz  
2 - 5 Hours @ 30hz

**Weapon Mount**  
Mini D-LOC Mount -Standard Model  
Wilcox Flip-Mount - Tactical 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**  
700 grams

**Dimensions**  
7.4" L x 3.0" H x 2.95" W

**Exit Pupil**  
30 mm clip-on

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

# SNIPE-IR™

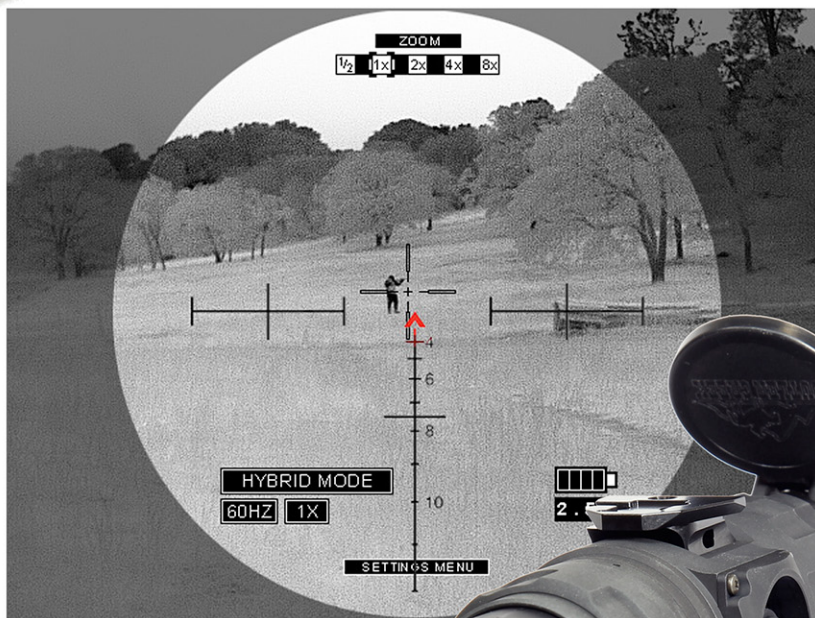
## THERMAL CLIP-ON



SNIPE-IR with ACOG 4x32

### SNIPE-IR Models

Model	Sensor	Lens	Base FOV	Mount Type
CLIP-640-35	640x480	35mm f/1.14	12°	Mini D-LOC
CLIP-640-35-TK	640x480	35mm f/1.14	12°	FLIP-TO-SIDE



**IR DEFENSE**  
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OPTIONAL REMOTE SWITCH

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