

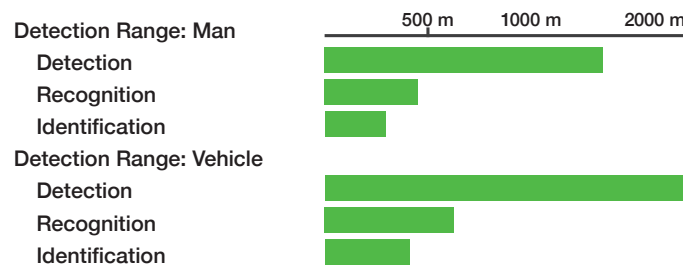
CINDER WEAPON MOUNTED THERMAL SENSOR

FEATURES

- » **PASSIVE RANGE ESTIMATION**
- » **50 HZ FRAME RATE IDEAL FOR FAST-MOVING TARGETS**
- » **WIDE OPERATING TEMPERATURE RANGE -20°C TO +50°C**
- » **VIDEO RECORDING WITH 8 GB OF INTERNAL MEMORY**
- » **FULLY CONFIGURABLE FROM SMARTPHONE, OR VIA ONBOARD MENUS**
- » **5 PRE-PROGRAMMED RETICLES IN 3 COLOR OPTIONS**
- » **OVER-THE-AIR SOFTWARE UPDATES AVAILABLE**



The Steiner Cinder is a sleek, modern, weapon-mounted thermal sensor that's ideal for the nighttime predator hunter. Seamlessly stream video to smartphone and tablet. Detect and engage targets day or night through vegetation and poor weather conditions. It features seamless integration with Google Maps for location tracking and geotagging. The Cinder has a rugged, durable design with integrated weapon mount.



Range performance estimated using the Johnson Criteria.

SPECIFICATIONS

Detector	
Detector Type	320 x 240, 12 µm pixels
Spectral Band	Long wave infrared 8-14 µm
NETD	60 mK
Optical Characteristics	
Focal Length	25 mm, 3x optical magnification
Focusable	Yes
Eye Relief	40 mm, adjustable diopter
Field of View	8.8° (H) x 6.7° (V)
Display	
Microdisplay	Full color OLED, SVGA (800 x 600)
Imaging	
Frame Rate	50 Hz
Digital Zoom	1-4x
Color Palettes	White Hot, Black Hot, Blues, Davfire, Fire, Greens, Jet, Reds, Viridis, Dusk, Teals, Inferno
Photo	✓
Video / Instant-on Video	✓
Pre-programmed reticles	✓
Memory	Internal 8 GB memory
Shutterless NUC	✓
Video Out	Via streaming to app
Picture-in-Picture Zoom	✓
Advanced Image Processing Algorithms	✓
Thermal Modes	Full, Gradient, Outline
Selective Coloring	✓
Stadiametric Rangefinder	✓
App	Both iOS and Android
WiFi	WiFi 802.11 b/g/n, H.264 and MPEG4 compression
Geotagging	Virtual waypoints, Google Maps integration
Power Supply	
Battery Type	(1) User-replaceable rechargeable 18650 battery or (2) non-rechargeable CR123A batteries
Battery Operating Time	>3 hours
Environmental	
Operating Temperature	-20°C to +50°C
Water Resistance	IP64
Physical Characteristics	
Dimensions	203 x 91 x 66 mm
Weight	715 g (with 2 CR123A batteries, without mount)