



## Orion C Series

Thermal Imaging Attachment

outdoor

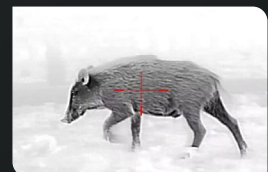
# Lightest 640 Clip-On Ever.

## Features

- o **Lightest 640 in Class:** 270 g body weight, compact design for an unburdened, perfectly balanced hunting setup.
- o **Instant Start:** Powers up in just 3 seconds.
- o **Razor-Sharp Clarity:** Hyper-Light 2.0 algorithm reveals finer thermal details.
- o **All-Night Endurance:** Low-power consumption, 2 replaceable 18500 batteries to last the whole night.
- o **Built Rugged:** Withstands 6000 J recoil and features IP67 waterproof.

## Applications

- o Night Hunting
- o Law Enforcement
- o Search & Rescue
- o Personal security



## Specifications

Product model	O435C	O635C
<b>Sensor</b>		
Type	Uncooled VOx Infrared Detector, 8 to 14μm	
Resolution	400×300@12μm	640×512@12μm
NETD	15mK	
Frame rate	50Hz	
<b>Lens</b>		
Objective lens	35mm, F0.9	
Field of view	7.9°×5.9°	12.5°×9.4°
FOV m@100m	13×10	22×17
Magnification	1x	
Detection range	1800m/1950yd	
Focus	Manual	
<b>Display</b>		
Display type	0.39" AMOLED 1024×768	
Color palettes	White Hot, Black Hot, Red Hot, Green Hot, Iron Red, Blue Hot, Sepia	
Eyepiece	Eye relief: 20mm	
<b>Hardware</b>		
Interface	USB-C	
<b>Power</b>		
Battery type	Replaceable 18500 Battery	
Operating time	6.5 hours	
<b>Environmental</b>		
Operating temp.	-20°C to 50°C / -4°F to +122°F	
Shock	6000J	
Encapsulation	IP67	
<b>Physical</b>		
Weight (g/oz)	270/9.52	
Size (mm/in)	99.5×73×68/3.92×2.87×2.68	
Standard	Device, Lens Cover, Carry Bag, Accessory Bag, Lint-Free Cloth, 18500 Battery ×2, Battery Charger, USB-A to USB-C Cable, Quick Start Guide, Warranty Card	
Optional	Adapter Ring, 18500 Battery	

Adapter Ring	
A	Weighs 70g, compatible with 38/40/42/44/46mm
B	Weighs 80g, compatible with 48/50/52/54mm
C	Weighs 90g, compatible with 56/58/60/62/64mm