



# RICO 2 RUGGED INFRARED COMPACT OPTIC

The RICO 2 (Rugged Infrared Compact Optic) delivers cutting-edge thermal performance with advanced imaging technology and precision-driven features. Available in four models—S75R (1280×1024, 75 mm), H75R (640×512, 75 mm), H50R (640×512, 50 mm), and L42R (384×288, 42 mm)—each boasts a  $\leq 15$  or  $\leq 18$  mK NETD rating for exceptional thermal sensitivity. A high-resolution 2560×2560 round AMOLED display provides a comfortable and immersive viewing experience, while the smooth digital zoom control ensures seamless, intuitive operation. The integrated 1,200-yard laser rangefinder pairs with an advanced ballistic calculator—just input bullet velocity and ballistic coefficient, and the system automatically adjusts for drop based on target distance. Additional features include a quick-detach mounting system, spare battery, magnetic charging port, recoil-activated video, and picture-in-picture mode. Built for serious shooters, the RICO 2 combines rugged durability with premium performance.



S75R pictured with included recoil reducing mount.



The RICO 2 features a smooth digital zoom controlled by an ergonomic dial, allowing precise 0.1x increments with the current zoom level always displayed. Designed for intuitive operation, it provides a natural, responsive feel, making magnification adjustments quick and effortless.

### 2560x2560 Round AMOLED Display

Provides increased clarity and detail.  
(S75R uses larger eyepiece)

### Quick-access Digital Zoom Control

Intuitive and smooth digital zoom  
control dial steps in precise .1x increments.

### Top-side Focus Control

Easy, precise, and fast manual  
focus control dial.

### RICO2 S75R

### IBP-5 Battery

Rechargeable 4400 mAh lithium battery with an  
ergonomic latch (Charge and spare battery included).

### Quick-detach Mount

S75R and H75R include a recoil mitigating mount.  
H50R and L42R include a standard dual-lever QD mount.

### Integrated Laser Rangefinder

Provides real-time range data (single-firing  
or continuous) on the display.

### Protective Lens Cap

S75R and H75R: aluminum cap  
H50R and L42R: polymer cap  
with a positive latch.

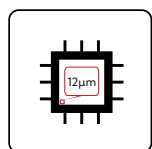
### Multiple Lens Options

Available in 75, 50, and 42 mm diameters

## WHAT'S NEW?

The popular H50R and L42R have moved to the Nocpix brand, joined by the powerful S75R (1280x1024) and H75R (640x512) models with 75 mm objective lenses.

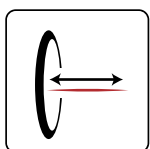
- Integrated high-precision 1200-yard laser rangefinder with  $\pm 1$  yard accuracy.
- 1.03-inch large-format 2560x2560 AMOLED display with a fast refresh rate.
- Quick-release dual-throw mount ensures secure mounting across all platforms.
- Built-in ballistic calculator dials elevation based on target range.
- Now available in 1280x1024, 640x512, or 384x288 sensor sizes.
- Quick, secure charging via the magnetic charging port (cable included).



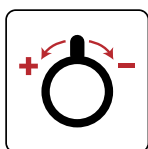
Three Sensor Options



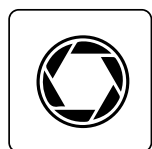
Vision + System



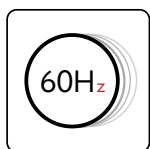
Integrated LRF



Smooth Zoom



f/1.0 Lens



Fast Refresh Rate



Removable Battery



5x5 WARRANTY

**INVISIBLE LASER RADIATION** AVOID DIRECT EYE EXPOSURE  
CLASS 3R LASER PRODUCT 900 nm <500 nJ 20 nSec



To learn more, scan the QR code or visit [nocpixusa.com/rico2](https://nocpixusa.com/rico2)

### NEW L42R NEW H50R NEW H75R NEW S75R

SENSOR				
Resolution	384x288	640x512	1280x1024	
Pixel Size	12 μm			
Frame Rate	60 Hz			
Sensor Sensitivity	≤18 mK	≤15 mK	≤15 mK	
Image Processing	Reality+			
Core	Nocpix 384	Nocpix 640	Nocpix 1280	
OPTICS				
Objective Lens	42 mm f/1.0	50 mm f/1.0	75 mm f/1.0	
Native Magnification	4x	3x	4x	3x
Digital Zoom	4x	8x		10x
Field of View	6.3° × 4.7°	8.8° × 6.6°	5.9° × 4.7°	14.7° × 9.4°
Detection Range	2,400 Yards	2,800 Yards	4,250 Yards	
Display Type	1.03-inch Large-format AMOLED			
Display Resolution	2560x2560			
Color Palettes	White Hot, Black Hot, Red Hot, Color, Crimson, Viridian, Violet			
Picture-in-Picture	Yes			
Rangefinder	Integrated 1,200 yd LRF			
Eye Relief	60 mm			70 mm
Diopter Range	-5 to +5			
ELECTRONICS				
Onboard Recording	Video and Image			
Onboard Storage	32 GB			
Wireless Connectivity	Image and Video via App.			
Data/Power Connector	USB-C			
Power Supply	IBP-5 4400 mAh Battery			
Max. Operating Time	5+ Hours			4+ Hours
Start Up Time	<10 Seconds, Instant from Standby			
PHYSICAL				
Size	11.65x3.07x3.00"		13.23x4.57x3.54"	13.46x4.57x3.66"
Weight	31.75 oz.	32.66 oz.	44.09 oz.	45.86 oz.
ENVIRONMENTAL & WARRANTY				
Warranty	5 Years			
Housing Material	T-6063 Aluminum			
Ingress Protection	IP67			
Operation Temperature	-4°F~122°F			