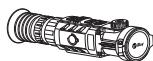


INFIRAY OUTDOOR
RICO MK1 V2

RUGGED INFRARED COMPACT OPTIC

Based on the popular RICO Mk1 series, the RICO Mk1 V2 was redesigned with improved audio recording, a blazing fast 60hz refresh rate, and an impressively upgraded <20 mK sensitivity. The heart of the Mk1 V2 features a high-performance InfiRay Micro II core and an extremely high-contrast AMOLED HD display. The Mk1 V2 takes its image processing one step further with Advanced Image Correction and Automatic Image Optimization courtesy of its MATRIX III processor. Unmatched image quality combined with an intuitive and easy-to-use interface, picture-in-picture function, two long-lasting battery packs with 6+ hours of run-time each, aluminum-alloy housing, 1000 G/s² shock-resistance, and 32 GB of internal memory give you all the tools you need to take your hunt to the next level.





RICO		RH50 V2	
SENSOR			
Resolution		640×512	
Pixel Size		12 μm	
Frame Rate		60hz	
Sensor Sensitivity		≤20 mK	
Image Processing		MATRIX III	
Core		InfiRay Micro II 640	
OPTICS			
Objective Lens		50 mm f/1.0	
Magnification		3×	
Digital Zoom		4×	
Field of View		8.8° × 6.6°	
Detection Range		2400 Yards	
Display Type		AMOLED	
Display Resolution		1024×768	
Color Palettes		White Hot, Black Hot, Red Hot, Color, Violet, Crimson, Viridian	
Reticle Types		7 (2 Dynamic, 5 Static)	
Reticle Colors		Black, White, Red, Green	
Mounting System		Picatinny MIL-STD 1913 Rail	
P.I.P		Yes	
Rangefinder		ILR-1000 Laser Rangefinder (Optional/Not Included)	
Eye Relief		55 mm	
Diopter Range		-4 to +4	
ELECTRONICS			
Onboard Recording		Video and Image	
Onboard Storage		32 GB	
Wireless Connectivity		Video and Image via App	
Data/Power Connector		USB-C	
Power Supply		USB-C External, IBP-5 Li-ion Battery Pack ×2 (6+ Hours Each)	
Start Up Time		<10 Seconds, Instant from Standby	
PHYSICAL			
Size		9.84" × 2.56" × 2.28"	
Weight		29.28 Oz	
ENVIRONMENTAL/WARRANTY			
Warranty		5 Years	
Housing Material		Aluminum	
Ingress Protection		IP67	
Operation Temperature		-4°F ~ 122°F	
Max. Recoil		1000 g/s ² (300 Win./7mm Mag)	

Top-Side Focus Control

Easy, precise, and fast manual focus control dial.

In-line Button Design

Easy to use, even with gloves.

MATRIX III Advanced Image Processing

Proprietary algorithmic image correction and scene optimization.

Increased 60 Hz Refresh Rate

Provides smooth motion on the display and in video.

AMOLED Display

1024×768 resolution provides increased clarity and detail.

Added Color Palettes

Violet, Crimson, and Viridian palettes added.

LRF Compatible

Plug-and-play compatibility with the ILR-1000 (AC05) laser rangefinding module.

Manual Focus f1.0 Lens

The 50 mm germanium lens provides a native 3× base magnification.

New Microphone Design

Enhanced for better audio quality.

New Dual Locking Mount

Return-to-zero quick detach Picatinny rail mounting system for fast removal and repeatable installation.

60 Hz
FAST REFRESH RATE



To easily add rangefinding capability to your RICO series optic, The **ILR-1000-1 Laser Rangefinder (AC05)** connects to the RICO series via USB-C, providing real-time ranging data next to your reticle.

REGISTRATION: irayusa.com/register
WARRANTY: irayusa.com/warranty
SUPPORT/SERVICE: irayusa.com/support

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To visit the product webpage, scan the QR code or go to irayusa.com/rh50v2



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