INFIRAY OUTDOOR
RICO MK2 LRF

RANGEFINDING RUGGED INFRARED COMPACT OPTIC

Built upon the original RICO Mk1 series, the RICO Mk2 LRF was designed with an integrated 1,200-yard capable rangefinder, a 60 Hz refresh rate, and increased ≤20 mK thermal sensitivity rating. The RICO Mk2 features a high-performance 12 µm Micro II core and an ultra-high-contrast 2560×2560 AMOLED HD display for an unparalleled viewing experience. The RICO Mk2 takes its image processing one step further with Advanced Image Correction and Automatic Image Optimization courtesy of its MATRIX III processor. An intuitive and easy-to-use interface combines with a picture-in-picture function, 5+ hour run-time, magnesium housing, 1000 G/s2 shock-resistance, and 32 GB of internal memory. In the Mk2 LRF family, hunters can choose between the 384×288 model with 4× native magnification or the 640×512 model with 3× native magnification. The RICO Mk2 also unlocks advanced features such as a rotating zoom lever, magnetic charging port, and recoil activated video.

InfiRay Outdoor

RICO Mk2 LRF

RICO Mk2 LRF	RL42R	RH50R
SENSOR		
Resolution	384×288	640×512
Pixel Size	12 µm	
Frame Rate	60hz	
Sensor Sensitivity	≤20 mK	
Image Processing	MATRIX III	
Core	InfiRay Micro II 384	InfiRay Micro II 640
OPTICS		
Objective Lens	42 mm f/1.0	50 mm f/1.0
Magnification	4×	3×
Digital Zoom	4×, Stepped	
Field of View	6.2° × 4.6°	8.8° × 6.6°
Detection Range	2000 Yards	2400 Yards
Display Type	1.03-inch Large-format AMOLED	
Display Resolution	2560×2560	
Color Palettes	White Hot, Black Hot, Red Hot, Rainbow, Violet, Crimson, Viridian	
Reticle Types	8 (7 Static, 1 DIY)	
Reticle Colors	Black Red, Black Green, White Red, White Green, Black White, White Black, Crimson, Viridian	
Mounting System	Picatinny MIL-STD 1913 Rail	
P.I.P	Yes	
Rangefinder	Integrated 1200yd LRF	
Eye Relief	60 mm	
Diopter Range	-3 to +3	
ELECTRONICS		
Onboard Recording	Video, Recoil-activated 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 (5+ Hours Each)	
Start Up Time	<10 Seconds, Instant from Standby	
PHYSICAL		
Size	9.50" × 3.00" × 3.75"	
Weight	36.63 Oz	
ENVIRONMENTAL/WARRANTY		
Warranty	5 Years	
Housing Material	Magnesium Alloy	
Ingress Protection	IP67	
Operation Temperature	-4°F~122°F	
Max. Recoil	1000 G/s² (300 Win./7mm Mag)	

INVISIBLE LASER RADIATION AVOID DIRECT EYE EXPOSURE CLASS 3R LASER PRODUCT — 900nm <700nJ 42nsec 10khz

Top-Side Focus Control
Easy, precise, and fast manual focus control dial.

In-line Button Design
Easy to use, even with gloves.

Quick-access Digital Zoom Control
Intuitive and smooth digital zoom control dial steps in precise .1x increments

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

Magnetic Connection
A magnetic USB interface provides quick and easy cable attachment for charging and data transfer.

Manual Focus _f_/1.0 Lens
Now available with a 42 mm (RL42R) or 50 mm (RH50R) germanium objective lens.

Updated Lens Cover Design
Improved objective lens cap opens quickly and quietly and locks closed with a strong latch.

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

INTEGRATED LASER RANGEFINDER

SMOOTH ZOOM CONTROL

The Mk2 series features a new quick-connect magnetic charging interface (cable included). Underneath the magnetic charging reciever is a female USB-C port for standard charging.

To visit the product webpage, scan the QR code or go to irayusa.com/mk2-lrf

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