

INFIRAY OUTDOOR
RICO MICRO V2

MULTIFUNCTION THERMAL OPTIC

In its second generation, our most popular family of thermal optics has been updated to provide users with powerful enhancements while retaining the versatility that our customers love; use it as a handheld scanner, helmet-mounted monocular, weapon sight, or thermal clip-on. New models feature a machined magnesium alloy housing to reduce weight. An added USB-C port now allows for simplified file transfer and the ability to power the MICRO from an external battery pack. The internal video recorder now includes crisp audio and 64 GB of internal storage. An improved 1440x1080 AMOLED display and is paired with a new eyepiece that offers more comfortable viewing and clip-on compatibility for optics up to up to 6x magnification. The MICRO V2 also uses InfiRay's latest 12 μm sensor, an improved NETD rating of $\leq 18\text{mK}$, and a manual-focus f/1.0 objective lens to create an image that is unlike anything in its class.





RICO MICRO SERIES	RL25 V2	RH25 V2
SENSOR		
Resolution	384×288	640×480
Pixel Size	12 μm	
Frame Rate	60hz	
Image Processing	MATRIX III	
Sensor Sensitivity	≤18 mK	≤15 mK
Core	InfiRay Micro II 384	InfiRay Micro II 640
OPTICS		
Objective Lens	25 mm f/1.0	
Magnification	2.28×	1.36×
Digital Zoom	4×	
Field of View	10.5° × 7.9°	17.5° × 13.1°
Detection Range	1375 Yards	
Display Type	AMOLED	
Display Resolution	1440×1080	
Color Palettes	White Hot, Black Hot, Red Hot, Color, Violet, Crimson, Viridian	
Reticle Types	7	
Reticle Colors	Black, White, Red, Green	
Mounting System	MUM Rail, Picatinny MIL-STD-1913 Rail, PICTAIL (Optional/Not Included)	
Working Modes	Standalone, Handheld, Helmet, Clip-on	
P.I.P	No	
Rangefinder	No	
Eye Relief	45 mm	
Diopter Range	-5 to +2	
ELECTRONICS		
Onboard Recording	Video, Recoil-Activated Video, and Image	
Onboard Storage	64 GB	
Wireless Connectivity	Video and Image via App.	
Data Connector	USB-C	
Power Supply	18650 Battery (5.5+ Hours)	
Start Up Time	≤5 Seconds, Instant from Standby	
PHYSICAL		
Size	4.52" × 2.55" × 1.88"	
Weight	11.3 Oz	
Housing Color	Black	Cerakote TAN H-265
ENVIRONMENTAL/WARRANTY		
Warranty	5 Years	
Housing Material	Magnesium	
Ingress Protection	IP67	
Operation Temperature	-4°F~122°F	
Max. Recoil	1000 g/s ² (300 Win./7mm Mag)	

Compact 3-Button Control Panel
With separate user interfaces for clip-on and helmet modes.

Updated Display and Eyepiece
New display and ocular lens for comfortable viewing and clip-on compatibility up to 6× magnification.

64 GB Internal Storage
For photo and video recording

RL25 V2

Manual Focus 25 mm f/1.0 Lens
The 25 mm germanium lens provides a native 1× base magnification and a wide field of view.

Flat Dark Earth (RH25 V2)
Protective finish on a machined magnesium body.

RH25 V2

Multiple Mounting Options
Included MUM rail and Picatinny riser mount. The iRayUSA PICTAIL (AC52) offers extended mounting options.

Rechargeable & Interchangeable Battery
A common 18650 rechargeable battery cell provides 6.5+ hours of run time.



NEW LARGER EYEPIECE



We kept the same form factor and versatility that our customers love, while added some upgrades to the V2 models. The RL25 V2 can now be used as a thermal clip-on unit (previously only available in the RH25). Both models now include a larger display and eyepiece, providing over 90% more pixels on an 80% larger viewable area. This provides a more comfortable viewing experience and improved clip-on compatibility with day optics up to 6x magnification.

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iRAYUSA

2601 SH 121, Building 3
Suite #306
Lewisville, TX 75056

800-769-7125
682-499-0047
info@irayusa.com