INFIRAY OUTDOOR

## RICO MK1 SERIES

Rugged Infrared Compact Optic

The InfiRay Outdoor RICO Mk1 Series was built to do two things: make the best image possible and be easy to use. The heart of the RICO Series features a high-performance InfiRay Micro II core and an extremely high-contrast AMOLED HD display. The Mk1 takes its image processing one step further with Advanced Image Correction and Automatic Image Optimization courtesy of its MATRIX III Processor. Unmatched image quality, paired with an intuitive and easy-to-use interface, picture-in-picture function, 6+ hours of run-time, aluminum housing, 1000 G-shock resistance, and 32GB of internal memory, gives you all the tools you need to take your hunt to the next level.





SENSOR   Resolution   640×512   640×512   384×288   Pixel Size   12 μm   Frame Rate   50hz   Image Processing   MATRIX III   Core   InfiRay Micro II 640   InfiRay Micro II 640   InfiRay Micro II 384   OPTICS   Objective Lens   50 mm f/1.1   35 mm f/1.0   42 mm f/1.1   Magnification   3×   2×   4×   Digital Zoom   4×   Field of View   8.8° × 6.6°   12.6° × 9.4°   6.2° × 4.6°   Detection Range   2400 Yards   1750 Yards   2000 Yards   Display Type   AMOLED   Display Resolution   1024×768   Color Palettes   White Hot, Black Hot, Red Hot, Color, Highlight   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   32 GB   Wireless Connectivity   Video and Image   32 GB   Wireless Connector   USB-C   Power Supply   USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)   Start Up Time   <10 Seconds, Instant from Standby   PHYSICAL   Size   9.84" × 2.40" × 2.28"   Weight   29.63 Oz   29.63 Oz   29.27 Oz   ENVIRONMENTAL/WARRANTY   Warranty   5 Years   Housing Material   Aluminum   Ingress Protection   IP67   Operation Temperature   4"F"12"F   Max. Recoil   300 Win./7mm Mag   Macro II   300 Win./7mm Mag   Max. Recoil   300 Win./7mm Mag   Macro III   300 Win./7mm Mag   Macro III   Max. Recoil   300 Win./7mm Mag   Macro III   300 Pixel Pack   Max. Recoil   300 Win./7mm Mag   300 Pixel Pack   Max. Recoil Pack   Max. Recoil Pack   Max. Recoil Pack   Max. Recoil Pack   Aluminum   Aluminum   Max. Recoil Pack   Aluminum	RICO MK1 SERIES	RH50	RH35	RL42
Pixel Size	SENSOR			
Frame Rate	Resolution	640×512	640×512	384×288
Image Processing Core InfiRay Micro II 640 InfiRay Micro II 384  OPTICS Objective Lens 50 mm f/1.1 35 mm f/1.0 42 mm f/1.1 Magnification 3× 2× 4×  Digital Zoom 4× Field of View 8.8° × 6.6° 12.6° × 9.4° 6.2° × 4.6° Detection Range 2400 Yards 1750 Yards 2000 Yards Display Type AMOLED Display Resolution 1024×768 Color Palettes White Hot, Black Hot, Red Hot, Color, Highlight 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-1 Li-ion Battery Pack (6+ Hours) Start Up Time <10 Seconds, Instant from Standby PHYSICAL Size 9.84" × 2.40" × 2.28" Weight 29.63 Oz 29.63 Oz 29.27 Oz ENVIRONMENTAL/WARRANTY Warranty 5 Years Housing Material Ingress Protection Operation Temperature	Pixel Size	12 μm		
Core         InfiRay Micro II 640         InfiRay Micro II 640         InfiRay Micro II 384           OPTICS           Objective Lens         50 mm f/1.1         35 mm f/1.0         42 mm f/1.1           Magnification         3×         2×         4×           Digital Zoom         4×         4×           Field of View         8.8°×6.6°         12.6°×9.4°         6.2°×4.6°           Detection Range         2400 Yards         1750 Yards         2000 Yards           Display Type         AMOLED         Display Resolution         1024×768           Color Palettes         White Hot, Black Hot, Red Hot, Color, Highlight         Reticle Types         7 (2 Dynamic, 5 Static)           Reticle Colors         Black, White, Red, Green         Mounting System         Picatinny MilSTD 1913 Rail         Picatin	Frame Rate	50hz		
OPTICS           Objective Lens         50 mm f/1.1         35 mm f/1.0         42 mm f/1.1           Magnification         3×         2×         4×           Digital Zoom         4×         Field of View         8.8° × 6.6°         12.6° × 9.4°         6.2° × 4.6°           Detection Range         2400 Yards         1750 Yards         2000 Yards           Display Type         AMOLED           Display Resolution         1024×768           Color Palettes         White Hot, Black Hot, Red Hot, Color, Highlight           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-1 Li-ion Battery Pack (6+ Hours)           Start Up Time	Image Processing	MATRIX III		
Objective Lens         50 mm f/1.1         35 mm f/1.0         42 mm f/1.1           Magnification         3×         2×         4×           Digital Zoom         4×         Field of View         8.8° × 6.6°         12.6° × 9.4°         6.2° × 4.6°           Detection Range         2400 Yards         1750 Yards         2000 Yards           Display Type         AMOLED           Display Resolution         1024×768           Color Palettes         White Hot, Black Hot, Red Hot, Color, Highlight           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-1 Li-ion Battery Pack (6+ Hours)           Start Up Time         <10 Seconds, Instant from Standby	Core	InfiRay Micro II 640	InfiRay Micro II 640	InfiRay Micro II 384
Magnification 3× 2× 4×  Digital Zoom 4×  Field of View 8.8° × 6.6° 12.6° × 9.4° 6.2° × 4.6°  Detection Range 2400 Yards 1750 Yards 2000 Yards  Display Type AMOLED  Display Resolution 1024×768  Color Palettes White Hot, Black Hot, Red Hot, Color, Highlight 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-1 Li-ion Battery Pack (6+ Hours)  Start Up Time <10 Seconds, Instant from Standby  PHYSICAL  Size 9.84" × 2.40" × 2.28"  Weight 29.63 Oz 29.63 Oz 29.27 Oz  ENVIRONMENTAL/WARRANTY  Warranty 5 Years  Housing Material Ingress Protection IP67  Operation Temperature -4°F~122°F	OPTICS			
Digital Zoom  Field of View  8.8° × 6.6°  12.6° × 9.4°  Detection Range  2400 Yards  1750 Yards  2000 Yards  Display Type  AMOLED  Display Resolution  1024×768  Color Palettes  White Hot, Black Hot, Red Hot, Color, Highlight  Reticle Types  7 (2 Dynamic, 5 Static)  Reticle Colors  Black, White, Red, Green  Mounting System  Picatinny MIL-STD 1913 Rail  P.I.P.  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  Wireless Connectivity  Video and Image via App.  Data/Power Connector  Power Supply  USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)  Start Up Time <a href="#page-14">(4) Seconds, Instant from Standby</a> PHYSICAL  Size  9.84" × 2.40" × 2.28"  Weight  29.63 Oz  29.63 Oz  29.27 Oz  ENVIRONMENTAL/WARRANTY  Warranty  5 Years  Housing Material  Ingress Protection  Operation Temperature	Objective Lens	50 mm f/1.1	35 mm f/1.0	42 mm f/1.1
Field of View         8.8° × 6.6°         12.6° × 9.4°         6.2° × 4.6°           Detection Range         2400 Yards         1750 Yards         2000 Yards           Display Type         AMOLED           Display Resolution         1024×768           Color Palettes         White Hot, Black Hot, Red Hot, Color, Highlight           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-1 Li-ion Battery Pack (6+ Hours)           Start Up Time         <10 Seconds, Instant from Standby	Magnification	3×	2×	4×
Detection Range 2400 Yards 1750 Yards 2000 Yards  Display Type AMOLED  Display Resolution 1024×768  Color Palettes White Hot, Black Hot, Red Hot, Color, Highlight  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-1 Li-ion Battery Pack (6+ Hours)  Start Up Time < 10 Seconds, Instant from Standby  PHYSICAL  Size 9.84" × 2.40" × 2.28"  Weight 29.63 Oz 29.63 Oz 29.27 Oz  ENVIRONMENTAL/WARRANTY  Warranty 5 Years  Housing Material Ingress Protection IP67  Operation Temperature	Digital Zoom	4×		
Display Type Display Resolution Display Resolution Display Resolution  Color Palettes White Hot, Black Hot, Red Hot, Color, Highlight 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 Wireless Connectivity Video and Image via App. Data/Power Connector USB-C Power Supply USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours) Start Up Time  V10 Seconds, Instant from Standby PHYSICAL Size 9.84" × 2.40" × 2.28" Weight 29.63 Oz 29.63 Oz 29.27 Oz ENVIRONMENTAL/WARRANTY Warranty Housing Material Ingress Protection IP67 Operation Temperature	Field of View	8.8° × 6.6°	12.6° × 9.4°	6.2° × 4.6°
Display Resolution  Color Palettes  White Hot, Black Hot, Red Hot, Color, Highlight  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  Wireless Connectivity  Video and Image via App.  Data/Power Connector  Power Supply  USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)  Start Up Time  -10 Seconds, Instant from Standby  PHYSICAL  Size  9.84" × 2.40" × 2.28"  Weight  29.63 Oz  29.63 Oz  29.27 Oz  ENVIRONMENTAL/WARRANTY  Warranty  Housing Material  Ingress Protection  Operation Temperature	<b>Detection Range</b>	2400 Yards	1750 Yards	2000 Yards
Color Palettes  White Hot, Black Hot, Red Hot, Color, Highlight  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  Power Supply  USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)  Start Up Time  ✓10 Seconds, Instant from Standby  PHYSICAL  Size  9.84" × 2.40" × 2.28"  Weight  29.63 Oz  29.27 Oz  ENVIRONMENTAL/WARRANTY  Warranty  5 Years  Housing Material  Ingress Protection  Operation Temperature  -4°F~122°F	Display Type	AMOLED		
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-1 Li-ion Battery Pack (6+ Hours) Start Up Time < 10 Seconds, Instant from Standby PHYSICAL Size 9.84" × 2.40" × 2.28" Weight 29.63 Oz 29.63 Oz 29.27 Oz ENVIRONMENTAL/WARRANTY Warranty 5 Years Housing Material Aluminum Ingress Protection IP67 Operation Temperature -4"F™122"F	Display Resolution	1024×768		
Reticle Colors  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  Power Supply  USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)  Start Up Time  -10 Seconds, Instant from Standby  PHYSICAL  Size  9.84" × 2.40" × 2.28"  Weight  29.63 Oz  29.27 Oz  ENVIRONMENTAL/WARRANTY  Warranty  5 Years  Housing Material  Ingress Protection  Operation Temperature	Color Palettes	White Hot, Black Hot, Red Hot, Color, Highlight		
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 Power Supply USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours) Start Up Time <10 Seconds, Instant from Standby PHYSICAL Size 9.84" × 2.40" × 2.28" Weight 29.63 Oz 29.63 Oz 29.27 Oz ENVIRONMENTAL/WARRANTY Warranty 5 Years Housing Material Ingress Protection Operation Temperature -4"F™122"F	Reticle Types	7 (2 Dynamic, 5 Static)		
P.I.P.  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  Wireless Connectivity  Data/Power Connector  Power Supply  USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)  Start Up Time  <10 Seconds, Instant from Standby  PHYSICAL  Size  9.84" × 2.40" × 2.28"  Weight  29.63 Oz  29.63 Oz  29.27 Oz  ENVIRONMENTAL/WARRANTY  Warranty  5 Years  Housing Material  Ingress Protection  Operation Temperature  -4°F~122°F	Reticle Colors	Black, White, Red, Green		
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-1 Li-ion Battery Pack (6+ Hours)  Start Up Time <10 Seconds, Instant from Standby  PHYSICAL  Size 9.84" × 2.40" × 2.28"  Weight 29.63 Oz 29.63 Oz 29.27 Oz  ENVIRONMENTAL/WARRANTY  Warranty 5 Years  Housing Material Aluminum  Ingress Protection IP67  Operation Temperature -4°F~122°F	Mounting System	Picatinny MIL-STD 1913 Rail		
Eye Relief 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-1 Li-ion Battery Pack (6+ Hours) Start Up Time <10 Seconds, Instant from Standby PHYSICAL Size 9.84" × 2.40" × 2.28" Weight 29.63 Oz 29.63 Oz 29.27 Oz ENVIRONMENTAL/WARRANTY Warranty 5 Years Housing Material Ingress Protection IP67 Operation Temperature -4°F~122°F	P.I.P.	Yes		
Diopter Range  ELECTRONICS  Onboard Recording  Onboard Storage  Wireless Connectivity  Data/Power Connector  Power Supply  USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)  Start Up Time  ✓10 Seconds, Instant from Standby  PHYSICAL  Size  9.84" × 2.40" × 2.28"  Weight  29.63 Oz  29.63 Oz  29.27 Oz  ENVIRONMENTAL/WARRANTY  Warranty  5 Years  Housing Material  Ingress Protection  Operation Temperature  -4"F™122"F	Rangefinder	ILR-1000 Laser Rangefinder (Optional/Not Included)		
ELECTRONICS  Onboard Recording  Onboard Storage  Wireless Connectivity  Data/Power Connector  Power Supply  USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)  Start Up Time  Video and Image via App.  USB-C  Power Supply  USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)  Start Up Time  Video and Image  USB-C  USB-C  SB-C  Power Supply  Video and Image  Vi	Eye Relief	55 mm		
Onboard Recording Onboard Storage 32 GB Wireless Connectivity Video and Image via App.  Data/Power Connector USB-C Power Supply USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours) Start Up Time <10 Seconds, Instant from Standby PHYSICAL Size 9.84" × 2.40" × 2.28" Weight 29.63 Oz 29.63 Oz 29.27 Oz ENVIRONMENTAL/WARRANTY Warranty 5 Years Housing Material Ingress Protection Operation Temperature -4°F~122°F	Diopter Range	-4 to +4		
Onboard Storage  Wireless Connectivity  Data/Power Connector  USB-C  Power Supply  USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)  Start Up Time  V10 Seconds, Instant from Standby  PHYSICAL  Size  9.84" × 2.40" × 2.28"  Weight  29.63 Oz  29.63 Oz  29.27 Oz  ENVIRONMENTAL/WARRANTY  Warranty  5 Years  Housing Material  Ingress Protection  Operation Temperature  32 GB  Video and Image via App.  USB-C  External, IBP-1 Li-ion Battery Pack (6+ Hours)  49 Seconds, Instant from Standby  29.27 Oz  29.27 Oz  ENVIRONMENTAL/WARRANTY  Warranty  5 Years  Housing Material  Ingress Protection  Operation Temperature	ELECTRONICS			
Wireless Connectivity  Data/Power Connector  USB-C  Power Supply  USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)  Start Up Time  V10 Seconds, Instant from Standby  PHYSICAL  Size  9.84" × 2.40" × 2.28"  Weight  29.63 Oz  29.63 Oz  29.27 Oz  ENVIRONMENTAL/WARRANTY  Warranty  5 Years  Housing Material  Ingress Protection  Operation Temperature  -4°F~122°F	Onboard Recording	Video and Image		
Data/Power Connector         USB-C           Power Supply         USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)           Start Up Time         <10 Seconds, Instant from Standby           PHYSICAL         Size         9.84" × 2.40" × 2.28"           Weight         29.63 Oz         29.63 Oz         29.27 Oz           ENVIRONMENTAL/WARRANTY         5 Years           Housing Material         Aluminum           Ingress Protection         IP67           Operation Temperature         -4°F~122°F	Onboard Storage	32 GB		
Power Supply         USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)           Start Up Time         <10 Seconds, Instant from Standby           PHYSICAL         Size         9.84" × 2.40" × 2.28"           Weight         29.63 Oz         29.63 Oz         29.27 Oz           ENVIRONMENTAL/WARRANTY         5 Years           Housing Material         Aluminum           Ingress Protection         IP67           Operation Temperature         -4°F~122°F	Wireless Connectivity	Video and Image via App.		
Start Up Time         <10 Seconds, Instant from Standby           PHYSICAL           Size         9.84" × 2.40" × 2.28"           Weight         29.63 Oz         29.63 Oz         29.27 Oz           ENVIRONMENTAL/WARRANTY           Warranty         5 Years           Housing Material         Aluminum           Ingress Protection         IP67           Operation Temperature         -4°F~122°F	Data/Power Connector	USB-C		
PHYSICAL           Size         9.84" × 2.40" × 2.28"           Weight         29.63 Oz         29.63 Oz         29.27 Oz           ENVIRONMENTAL/WARRANTY         5 Years           Housing Material         Aluminum           Ingress Protection         IP67           Operation Temperature         -4°F~122°F	Power Supply	USB-C External, IBP-1 Li-ion Battery Pack (6+ Hours)		
Size         9.84" × 2.40" × 2.28"           Weight         29.63 Oz         29.63 Oz         29.27 Oz           ENVIRONMENTAL/WARRANTY         S Years           Housing Material         Aluminum           Ingress Protection         IP67           Operation Temperature         -4°F~122°F	Start Up Time	<10 Seconds, Instant from Standby		
Weight         29.63 Oz         29.63 Oz         29.27 Oz           ENVIRONMENTAL/WARRANTY         5 Years           Housing Material         Aluminum           Ingress Protection         IP67           Operation Temperature         -4°F~122°F	PHYSICAL			
ENVIRONMENTAL/WARRANTY  Warranty 5 Years  Housing Material Aluminum  Ingress Protection IP67  Operation Temperature -4°F~122°F	Size	9.84" × 2.40" × 2.28"		
Warranty         5 Years           Housing Material         Aluminum           Ingress Protection         IP67           Operation Temperature         -4°F~122°F	Weight	29.63 Oz	29.63 Oz	29.27 Oz
Housing Material Aluminum  Ingress Protection IP67  Operation Temperature -4°F~122°F	ENVIRONMENTAL/WA	RRANTY		
Ingress Protection IP67 Operation Temperature -4°F~122°F	Warranty	5 Years		
Operation Temperature -4°F~122°F	Housing Material	Aluminum		
	Ingress Protection	IP67		
Max. Recoil 300 Win./7mm Mag	Operation Temperature	-4°F~122°F		
	Max. Recoil	300 Win./7mm Mag		

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

Easy-to-use, even with gloves. Proprietary algorithmic image correction and scene optimization. **IBP-1 Battery Pack** Field-swappable lithium battery offers 6+ hours of run-time. **AMOLED Display** 1024×768 resolution provides increased clarity and detail. Manual Focus f/1.1 Lens Guarantees the best image, regardless of distance. LRF Compatible Plug-and-play compatibility with ILR-1000 laser rangefinder module. Quick-Disconnect Picatinny STD-1913 Mount Ensures quick and secure mounting across all platforms.

In-line Button Design





MATRIX III Advanced Image Processing

The high-contrast HD AMOLED display and a powerful Micro II 12 μm core are the foundation of the image performance in the RICO Mk1. This performance is taken to the next level by InfiRay's proprietary Matrix III image processing algorithms. Matrix III is the secret behind taking an image that other manufacturers consider acceptable, and making it an image only an InfiRay core can produce. Visit irayusa.com/mk1 to learn more or find your local dealer. With the power of the Mk1 on your favorite rifle, hunting will never be the same!

