

INFIRAY OUTDOOR
RICO PRO

Rugged Infrared Compact Optic

The InfiRay Outdoor RICO PRO was built to do three things: make the best image possible, be easy to use, and be the most advanced dual field-of-view (FOV) thermal weapon sight available to the commercial market. InfiRay Outdoor's patented dual FOV objective lens allows users to seamlessly switch between a wide FOV for detection and a narrow FOV for target identification. Unmatched image quality, paired with an intuitive and easy-to-use interface, HD display, 6-hour run-time, aluminum alloy housing, and 32GB of internal memory, gives you all the tools you need to take your hunt to the next level.

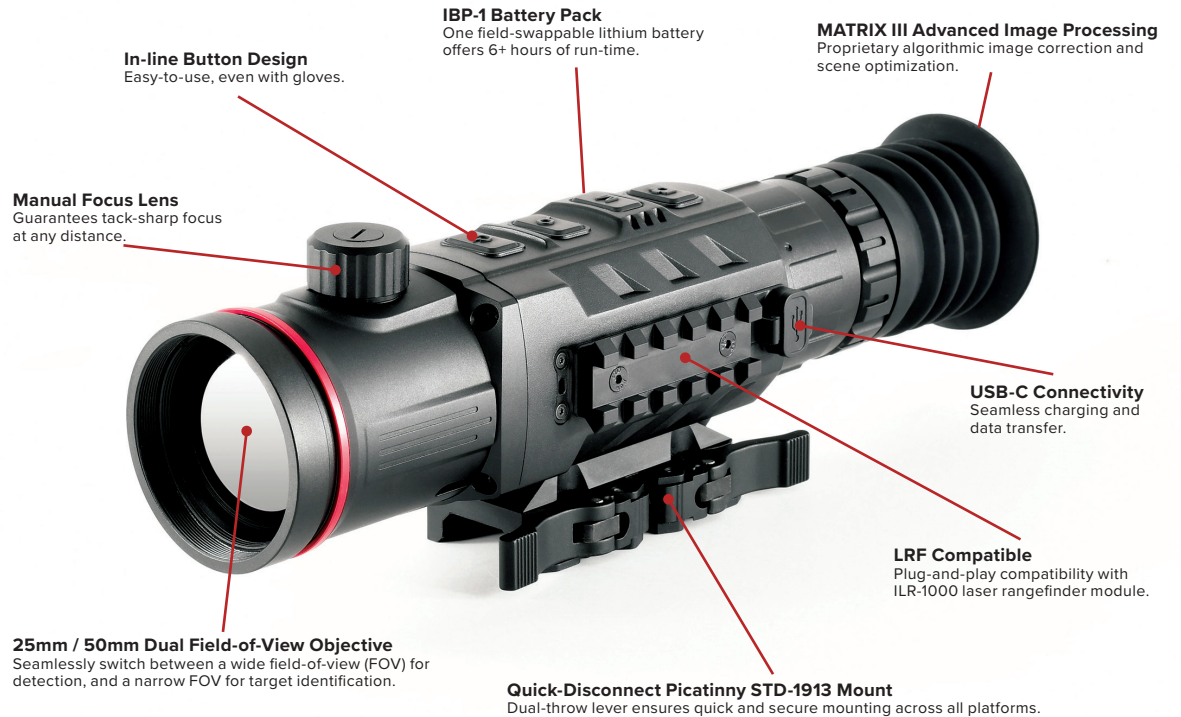




RICO PRO		RH50P	
SENSOR			
Resolution	640×512		
Pixel Size	12 μm		
Frame Rate	50hz		
Image Processing	MATRIX III		
Core	InfiRay Micro II 640		
OPTICS			
Objective Lens	25 mm / 50 mm		
Magnification	1× / 3×		
Digital Zoom	4×		
Field of View	17.5° × 13.1° / 8.8° × 6.6°		
Detection Range	2400 Yards		
Display 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		
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)		

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

NOTE: These products may be subject to export and foreign trade control laws of the United States and may not be exported without prior approval of the U.S. Department of State. Learn more at irayusa.com/ITAR. The thermal images shown are for illustrative purposes only and may vary in real world usage. Specifications are subject to change without notice. For the most up-to-date specs, go to irayusa.com. Not responsible for typographical errors. Ver 1.0-01132023



The RICO PRO and its industry-first dual field-of-view 25mm/50mm objective lens gives you the power to seamlessly switch between a wide field-of-view (FOV) for detection and a narrow FOV for target identification. This 2× increase in optical magnification occurs with an intuitive twist of the objective focus ring and maintains 100 percent of the sensor's native resolution. Closing the distance with a thermal scope has never been this fast. Learn more at irayusa.com/ricopro.

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