INFIRAY OUTDOOR

RICO HYBRID SERIES

Rugged Infrared Compact Optic

The InfiRay Outdoor RICO HYBRID fuses the capabilities of a thermal clip-on and a thermal weapon sight to create a new breed of thermal device. The HYBRID gives you never-before-seen versatility and performance, boasting a 2,400 yard detection range as a dedicated thermal sight, or compatibility with day optics up to 10× as an inline clip-on sight. The combination of the HYBRID's low-distortion orthoscopic eyepiece and a 1.03-inch large-format 2560×1920 display provides comfortable viewing as a dedicated sight while still maintaining the pixel density and resolution for use as a clip-on optic. The HYBRID also unlocks advanced features such as compatibility with a 2,000 yard laser rangefinder, a custom reticle generator, Bluetooth remote, and an onboard ballistic solver.

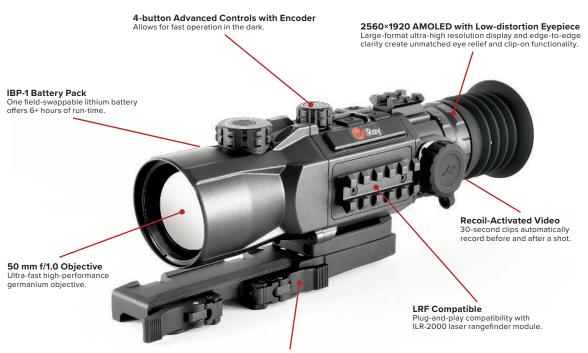




RICO HYBRID SERIES	HYH50W HYH35W	
SENSOR	HTHSOW	птнээм
	640	.400
Resolution	640×480	
Pixel Size	12 µm	
Frame Rate	50hz	
Image Processing	MATRIX III	
Core	InfiRay Micro II 640	
OPTICS		
Objective Lens	50 mm f/1.0	35 mm f/0.9
Magnification	3× 2×	
Digital Zoom	8×	
Field of View	8.8° × 6.6°	12.6° × 9.4°
Detection Range	2400 Yards	1750 Yards
Display Type	1.03-inch Large-format AMOLED	
Display Resolution	2560×1920	
Color Palettes	White Hot, Black Hot, Red Hot, Iron Red, Rainbow, Outline	
Reticle Types	8 (7 Static, 1 Custom BDC Reticle)	
Reticle Colors	Black, White, Red, Green, Blue	
Mounting System	Picatinny MIL-STD 1913 Rail	
P.I.P.	Yes	
Rangefinder	ILR-2000 LRF (Optional/Not Included)	
Eye Relief	60 mm	
Diopter Range	-4 to +2	
ELECTRONICS		
Onboard Recording	Video, Recoil-Activated Video, and Image	
Onboard Storage	64 GB	
Wireless Connectivity	Image and Video 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	11.02" × 3.03" × 2.99"	10.51" × 3.03" × 2.99"
Weight	40.5 Oz	40.0 Oz
ENVIRONMENTAL/WARRANTY		
Warranty	5 Years	
Housing Material	Aluminum	
Ingress Protection	IP67	
Operation Temperature	-4°F^122°F	
Max. Recoil	1000 g/s² (300 Win./7mm Mag)	
max. Recoil	1000 g/s (300 Win.//mm Mag)	

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

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This hybridized class of weapon sight and clip-on thermal device has long been requested by the night hunting community, but never before has a product been delivered to meet this need. Because of recent technological advancements in the resolution and pixel density of ultra-HD micro displays, InfiRay Outdoor has achieved what others could not: a true weapon sight that also functions as a clip-on in one device. Visit irayusa.com/hybrid to learn more or find your local dealer.

