

# RICO ALPHA

S E R I E S

## RUGGED INFRARED COMPACT OPTIC

The RICO ALPHA is the culmination of decades of user feedback, research, development, and American engineering all imbedded in a thermal weapon sight that is purpose built for the discerning night hunter. From the Autoloading Guarded Power Connector (AGPC) to the battery latch design, the RQD Quick Release Mount, to the ultra-rigid housing with Tactile Ridge Positioning and Single Finger Focus (SFF) design, the ALPHA was developed by hunters for absolute performance in every way. Additional performance based features of the ALPHA include image and video capture, multiple dynamic reticles, stadiametric rangefinder and wireless connectivity. To top all that off, the ALPHA is proudly designed, machined, assembled and serviced right here in the great state of Texas.



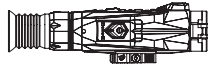
DESIGNED & ASSEMBLED IN



TEXAS

**IBAYUSA**





**RICO ALPHA SERIES**

**ALPHA 640 50mm**

SENSOR	
Resolution	640x512
Pixel Size	12 μm
Framerate	50hz
Image Processing	MATRIX III
Core	iRay Micro II 640
OPTICS	
Objective Lens	50 mm f/1.1
Magnification	3X
Digital Zoom	4X
FOV	8.8° x 6.6°
Detection Range	2400 Yards
Display Type	AMOLED
Display Resolution	1024x768
Imaging Modes	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 / ADM RQD Mount
P.I.P.	Yes
Rangefinder	Stadiametric
Eye Relief	55 mm
Diopter Range	-4 to +4
ELECTRONICS	
Onboard Recording	Video and Image
Wireless Connectivity	Video and Image via App.
Power Supply	Li-Ion Battery Pack
Start Up Time	< 10 Seconds, Instant from Standby
PHYSICAL	
Size	9.84"x2.40"x2.28"
Weight	33.68 ounces
ENVIRONMENTAL/WARRANTY	
Warranty	5 Years
Housing Material	Ultra Rigid, Glass-Filled Polymer
Ingress Protection	IP67
Operation Temp	-4°F~122°F
Max. Recoil	1000 g/s <sup>2</sup> (300 Win./7mm Mag)



The ALPHA is the product we wanted. Born out of frustration and created based on years of experience from actual use in the field. Designed, machined, and assembled in Texas while being backed by iRayUSA's industry leading 1-week repair guarantee. Want to learn more about what all the excitement is about? Visit [irayusa.com/ra50](http://irayusa.com/ra50) to see how we have changed the game for you.

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