

INFIRAY OUTDOOR

# RICO HD SERIES

Rugged Infrared Compact Optic

The RICO HD RS75 from InfiRay Outdoor marks a new chapter in thermal technology. Featuring an industry-first 1280×1024 12μm sensor, an ultra-high resolution 1.03-inch 2560×2560 AMOLED display, low-distortion orthoscopic eyepiece, and a 75mm f/1.0 lens, the RS75 is the perfect blend of optical performance and sensor resolution. The RICO HD also offers crystal-clear onboard audio recording and 128GB of storage so you can capture each countdown and relive every impact. With the RICO HD RS75, InfiRay Outdoor has finally unleashed capabilities that night hunters had previously only dreamed of.

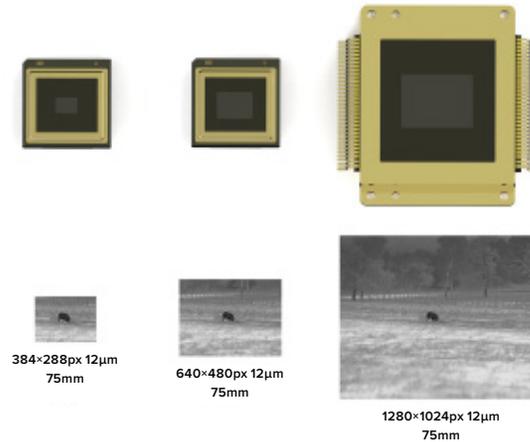




RICO HD SERIES		RS75
<b>SENSOR</b>		
Resolution		1280×1024
Pixel Size		12 μm
Framerate		30hz
Image Processing		MATRIX III
Core		iRay Micro II 1280
NETD		≤25 mk
<b>OPTICS</b>		
Objective Lens		75 mm f/1.0
Magnification		2×
Digital Zoom		16×
FOV		11.7° × 9.4°
Detection Range		3600 Yards
Display Type		AMOLED
Display Resolution		2560×2560
Imaging Modes		White Hot, Black Hot, Red Hot, Rainbow, Highlight
Reticle Types		7
Reticle Colors		Black, White, Red, Green
Mounting System		Picatinny MIL-STD 1913 Rail
P.I.P.		Yes
Rangefinder		ILR-1000 LRF (Included)
Eye Relief		60 mm
Diopter Range		-3 to +3
<b>ELECTRONICS</b>		
Onboard Recording		Video and Image, 128 GB
Wireless Connectivity		Image/video via App.
Data/Power Connector		USB-C
Power Supply		IBP-1 Battery ×2, 4+ Hours Each
Start Up Time		< 10 Seconds, Instant from Standby
<b>PHYSICAL</b>		
Size		12.55" × 3.93" × 3.34"
Weight		44.9 Oz
<b>ENVIRONMENTAL/WARRANTY</b>		
Warranty		5 Years
Housing Material		T-6061 Aluminum
Ingress Protection		IP67
Operation Temp		-4°F~122°F
Max. Recoil		1000 g/s <sup>2</sup> (300 Win./7mm Mag)



## SENSOR RESOLUTION COMPARISON



With the RS75 from InfiRay Outdoor you don't have to choose between a wide field-of-view or long-range performance, you simply get it all! An astounding 1,310,720 pixels—four times the resolution of 640 devices—provide eye-popping clarity. Added to that, a 12-degree angular horizontal field-of-view and a detection range of 3,600 yards, and the RICO HD is the ultimate thermal weapon sight for any distance. Radically change your night-hunting experience with the all-new 1280 HD thermal from InfiRay Outdoor. Visit [irayusa.com/rs75](http://irayusa.com/rs75) to learn more.

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