

Model



RS75

	Sensor
Type	Uncooled
Resolution, pixels	1280×1024
Pixel Size, um	12
NETD, mK	≤25
Frame Rate, Hz	30
	Optical Characteristics
Objective Lens, mm	75
Field of View, °	11.7×9.4
Magnification, x	2×
E-zoom, x	2,4,8,12
Eye Relief, mm	60
Diopter Adjustment, D	-3 ~ +3
	Display
Type	OLED
Resolution, pixels	2560×2560
	Operational Characteristics
Battery	4400mAh
Max. Operating Time (at temp.=22 °C), h*	6h
External Power Supply	5V (Type C USB)
Max. Recoil Power on Rifled Weapon, g/s²	1000
Degree of Protection, IP code	IP67
Amount of Built-in Memory, GB	128
Operating Temperature Range, °C	-20~+50
Weight, g	≤1200
Dimension, mm	319×100×85
USB Interface	Type-C
Detection Range, m (Target size:1.7m×0.5m, P(n)=99%)	3896



IRay Technology Co., Ltd.

Tel: 400-998-3088 Fax: +86-535-3410604
Mail: infirayoutdoor@infiray.com Web: www.infirayoutdoor.com
Add: 11th Guiyang Street, YEDA, Yantai 264006, P.R.China



Rico Series
RS75

Rico-RS75 ushers in a whole new era of high-definition thermal with its most powerful thermal imaging detector. RS75 is the first to adopt a thermal imaging detector with a resolution up to 1280*1024. Every RICO with the 1280 detector will be transformed into a completely different class of product. Altogether with its 2560*2560, 1.03-inch AMOLED display, and optimized optical opponent, RS75 is designed to be the dream scope for night hunters.



Ultimate Thermal Performance

First 1280 Resolution Sensor Product

The clarity is redefined with the 1280 detector. The image keeps incredible detail even at full 12x zoom, which 640 detectors cannot provide



384 Resolution

640 Resolution

1280 Resolution

Detection Range Up to 3896m/4260yd

RS75 features a 75mm objective lens. The combination of insane focal length and the powerful detector expand the detection range to over 3800 meters.



Ultra-Clear Mode

Like the sport mode of the vehicle, RS75's ultra-clear mode pushes the performance to the limit by temporally increasing consumption. Users can still see detailed images on rainy and foggy days with the facilitation of the ultra-precise mode.



Best-in-class Observation Experience

Large HD Screen

RS75's 2560*2560 1.03-inch AMOLED display can take the best advantage of the powerful detector and provide exquisite images as well as a comfortable visual experience.



Optimized Eyepiece

The optical design makes the image to be distortion-free at any angle. Altogether with the 60cm eye relief, the eyepiece can provide a better visual experience and effectively alleviate the dizziness arising from long-time observation.



Flagship Configuration

LRF in Box

The standard configuration includes RICO LRF, which can accurately capture and display the target distance with an accuracy of ± 1 m and a maximum distance of 1000 m.



Worry-free Recording

The improved microphone makes the audio to be crystal clear. 128G internal memory enables users to store countless hours of footage.



128GB



Audio
Recording



Video
Recording