Model	RH50R
Thermal Sensor	640 × 512, 12μm
NETD, mK	≤20
Frame Rate, Hz	60
Objective Lens, mm	50, F1.0
Field of View (H×V), °	8.8×7.0
Magnification, ×	3
Detection Range, m(Target size: 1.7m×0.5m, P(n)=99%)	2597
Display	2560 × 2560 AMOLED
Battery Type	Replaceable battery/4400mah/5.5h/5V (Type C)
Operating Tempeture, ℃	−20~50
Weight, g	< 926
Dimension, mm	296x78x76

InfiRay Outdoor | Ultra Clear Ultra Precise

The Night is Yours
RICO 2 SERIES »

RH50R

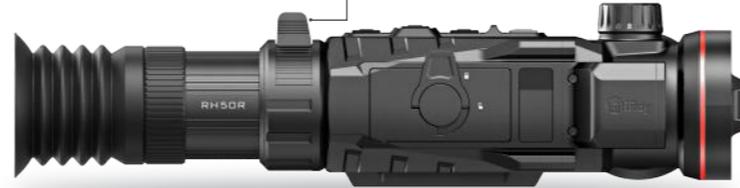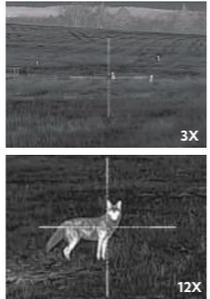CE CONFORMITE EUROPEENNE | FC | RoHS Restriction of Hazardous Substances | UKCA

InfiRay Outdoor

Unmatched Thermal Image Quality

Equipped with a state-of-the-art 640 sensor and an impressive NETD of less than 20mK

12μm
640x512

NETD ≤20mK

Dynamic Control with Rotating Zoom Lever

you can effortlessly achieve seamless zoom adjustments from 3x to 12x. Capture every detail in different scenarios with ease

3X

12X

RH50R

2560×2560 AMOLED Display

Immerse yourself in visual excellence with the RH50R's 2560×2560 AMOLED Display with 60Hz refresh rate.

2560x2560
AMOLED

PIP | Magnetic charging port | Recoil Activated Video | Ballistic Caculation

PIP

1,200m Built-in Laser Rangefinder

With RH50R's integrated 1,200m rangefinder. No more guesswork – just pinpoint accuracy at your fingertips.

1200m
LRF

Long Detection Range Up to 2597m

This remarkable capability is achieved through the integration of the F50/1.0 objective lens and cutting-edge thermal sensor technology.

2597m
Detection

1000 m   1500 m   2300 m