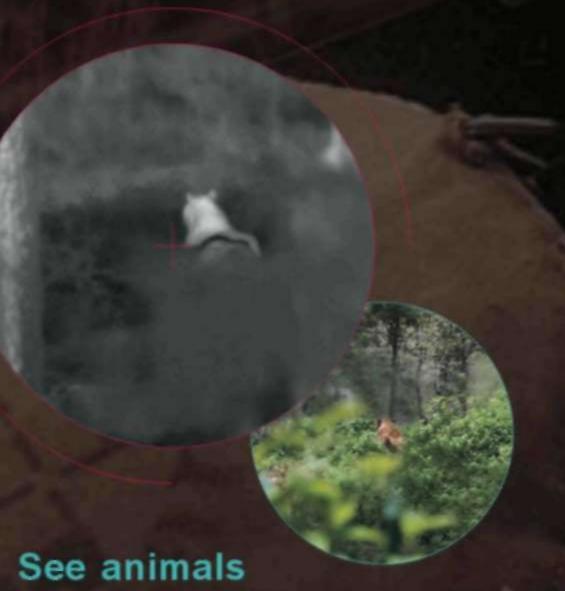


IR162 series of thermal imagers are advanced and helpful equipment for hunting lovers. Infrared thermal imager penetrates through total darkness, haze, smoke, rain and snow to find quarry which is hotter than environment, helps to see through various animal camouflage. For some animals, they move at night, thermal imager helps to find such animals at both day & night from longer distance than naked eyes and protect the hunter not to be attacked by animals. With proper mount with hunting gun, the thermal imager also helps to shoot the quarry.

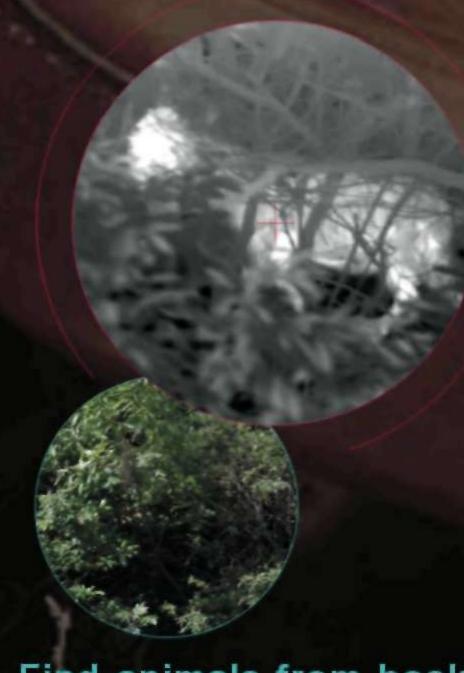
IR162 series of thermal imagers are of ultracompact, lightweight & unparalleled design, sealed encapsulation, low power dissipation, more reliable functionality and robust performance.



See animals from long distance



Distinguish animals from camouflage color



Find animals from bosk







3 lenses optional:

IR162A/B/C with 50mm, 83mm, 105mm lens respectively to meet different requirements on working range.

Sealed encapsulation:

Total waterproof, withstand 1 meter immersion, can be used in any tough weather and climate conditions.

Rechargeable Li-ion battery:

Reliable performance, works at -20℃; Support 3~5 hours continuous operation.

Flexible mounting interface:

User can design different types of mounts to mount IR162 thermal imagers.

OLED eyepiece:

The latest displaying technology, high-quality and good resolution.

Parts Included

IR162 Thermal Imager A/B/C
Rechargeable li-ion batteries
Battery charger
Power adapter
Vehicle adapter (Cigarette lighter)
A set of cables
CD (User manual in)



IR162 Series

Performance

Lens

FOV

Physical Features

Weight Size

Detection range Recognition range

50mm 11° ×8.2° IR162 B

IR162 C

83mm 6.6° ×5°

266mm×92mm×92mm

105mm 5.2° ×3.9°

 \approx 0.82 kg \approx 1.20 kg \approx 0.92 kg

236mm×71mm×69mm >1.5km

>0.6km (1.0m)

>2.0km >0.8km (1.0m) 288mm×120mm×120mm >3.0km

加(1.0m)

>1.2km

Detector

Uncooled FPA microbolometer Detector

Spectral Range 8~14µm

384×288 Pixels Pitch 25 µ m×25 µ m Interfaces

Command and Control RS-232

Image display Real time on external video monitor

Environmental Specification

Operating Temperature -20°C~+60°C

Storage Temperature -40°C~+60°C

Shock Vibration

30G 2G

Image Presentation

Video output 50HZ PAL or 60HZ NTSC

Zoom ×2,×4

Adjust Auto/Manual brightness and contrast adjustment

Display polarity Black/White hot

Display 800×600 OLED view finder

Power System

External DC adapter DC9V--12V Rechargeable Li-ion Camcorder battery DC4.2V

Power dissipation <3.5W

Continuous working time 3~5hrs(Ambient Temperatame)

Other Handheld Thermal Imagers

	PIXELS RESOLUTION	LENS
IR516	384x288	61mm / 80mm
IR518 A	160x120	25mm
IR518 B	384x288	25mm
IR518 C	384x288	50mm
IR519	384x288	100mm
IR529	384x288	140mm

