

A thermal image of a forest scene. In the center, a deer is visible, highlighted by a red circular reticle. The text "Thermal Imaging for Hunting" is overlaid in a stylized, jagged blue border. In the bottom left corner, the back of a hunter is visible, holding a rifle. The background is a dense forest of tall, thin trees.

Thermal Imaging **for** **Hunting**

IR162 Series of Thermal Imaging for Hunting

IR162

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 ultra-compact, 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





105mm (162 C)
102mm

83mm (162 B)
83mm

50mm (162 A)
50mm



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°C ; 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	1
Rechargeable li-ion batteries	2
Battery charger	1
Power adapter	1
Vehicle adapter (Cigarette lighter)	1
A set of cables	1
CD (User manual in)	1



IR162 Series



Performance

Lens

FOV

Physical Features

Weight

Size

Detection range

Recognition range

IR162 A

50mm


11° × 8.2°

≈ 0.82 kg

236mm × 71mm × 69mm

> 1.5km

> 0.6km

 (1.0m)

IR162 B

83mm

6.6° × 5°

≈ 0.92 kg

266mm × 92mm × 92mm

> 2.0km

> 0.8km

 (1.0m)

IR162 C

105mm

5.2° × 3.9°

≈ 1.20 kg

288mm × 120mm × 120mm

> 3.0km

> 1.2km

 (1.0m)

• Detector

Detector	Uncooled FPA microbolometer
Spectral Range	8~14 μm
Pixels	384 × 288
Pitch	25 μm × 25 μm

• 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	30G
Vibration	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 Temperature)

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

