



RANGER - T LRF

Laser Range Finder



Highly sensitive thermal imaging sensor

Equipped with a highly sensitive thermal imaging sensor, Ranger - T excels in delivering exceptional detail recognition, even in environments with low thermal contrast such as snow, dust, smoke, fog, and haze. This capability ensures reliable performance across a range of atmospheric conditions, making it an indispensable tool for professional use.



Built-in laser rangefinder

Ranger - T is capable of accurately measuring distance to objects up to 1,500 meters away.

- Wavelength: 905 nm

- Max. measuring range: 1500 m

- Measurement accuracy :± 1m

(Safety class for laser equipment according to IEC 60825-1:2014: 1)



50mm multiple optional lenses

Three modifications of objective lenses allow to choose perfect unit for your needs.



Picture-in-Picture function

Picture-in-picture displays a X2 image at the top-center of the overall field of view for precise zooming on an object of interest.



Multiple palettes



BH--Black Hot

WH--White Hot

RH--Red Hot



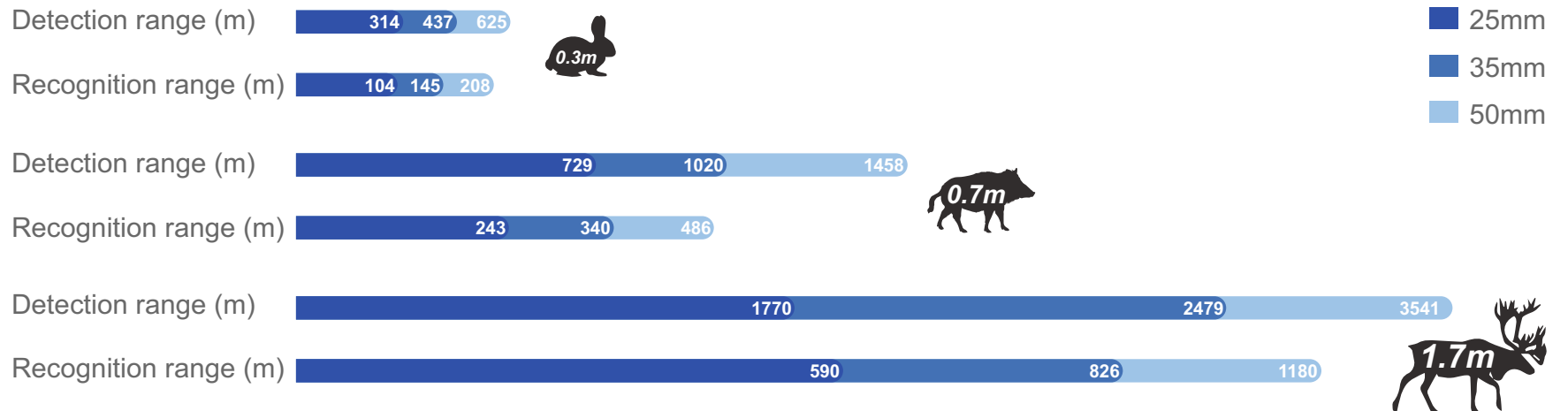
CG--Cold Green

GB--Glowbow

RB--Rainbow



Extreme detection range



Wi fiand on-board recording

Built-in Wi fimodule allows you to connect the Ranger - T with mobile units which enables you to receive foot age in the real-time mode and save the image/video captured by the device. 32Gb of internal memory provides enough space for recording and taking photos of exciting moments.



Long lasting operating time

Ranger - T gives up to 8+ hours of continuous work. External sources, such as power banks with high-capacity is also capable of increasing the total operation time.

Ranger - T LRF series specification

Model	Ranger - T LRF
Detector	
Detector type	
Resolution	640×512
Frame rate	50Hz
Spectral range	8-14μm
NETD	<25mK
Optical characteristics	
Objective lens	50mm
Magnification	2.7×
FOV (H×V), m@100m	16.1×13.2
Functions	
Zoom	1× / 2× / 4×
Palettes	6
Display	
Type	OLED
Resolution	1024×768
Power supply	
Battery	Built-in lithium battery
External power supply	5V
Operating time (at t=22°C)	8h
Physical characteristics	
Weight	600g
Dimension	183.1×59.9×91.9mm
Environmental compatibility	
Ingress protection rating	IP67
Operating temperature	-20°C~+50°C
Storage temperature	-40°C~+60°C
Laser rangefinder	
Safety class for laser equipment according to IEC 60825-1:2014	1
Measuring range	10-1500m
Measurement accuracy	±1m