



WILD Series
Thermal Imaging

Thermal Imaging Monocular Wild 650L

Technical Specifications



Download on the
App Store



GET IT ON
Google Play



ThermTec Technology Co., Ltd.
Email: info@thermeyertec.com
Website: <https://www.thermeyertec.com>

WILD 650L

Key Features

- 640*512 thermal resolution, NETD \leq 18mk;
- 1x--4x continuous digital zoom;
- LRF-Boost, AI and laser rangefinder combination;
- Various pseudo colors;
- Joystick control design, wheel focusing realises one-hand operation;
- Super large aperture offers better temperature radiation capturing capability;
- 1024*768 resolution with 0.39 inch OLED display;
- Up to 8h continuous working for lithium battery;
- Forest/Target outline mode

Applications

- Night hunting
- Observation
- Rescue operations
- Hiking and traveling

Specifications



Model		Wild650L
Resolution		640x512
Pixel Pitch		12μm
NETD		18mk@300k
Spectral range		8-14μm
Frame rate		50HZ
Detection Range		2,600m
Optics		
Objective lens		50mm/F0.9
Field of view		8.8° x 7.0°
Magnification		2.8X
Digital Zoom		1-4X continuous zoom
Eye relief		40mm
Exit pupil		6mm
Diopter		±5D
Display		
Type		AMOLED
Resolution		1024x768
Display size		0.39 inch
Color palette		6
Image mode		Forest/Target outline mode

Function	
Photo/video playback	Yes
Language	Multiple-languages
Built-in Memory	64GB
PIP	Yes
LRF Boost	Yes
Heat Track	Yes
Real-time Notification	Yes
OSD Recording	Yes
EIS	Yes
Battery	
Internal battery	Replaceable and Rechargeable Li-ion Battery (18650x1)
Battery life	8h
Interface	
Type-C	Supports battery charging, data transfer, USB video output
Hotspot	Yes, App remote control
Environment	
Working temperature	-20°C—+50°C
Protection Level	IP67
Weight, g	540±5g
Size, mm	190.2(L)x76.3(W)x84.6(H)
Accessories	
External Cable	USB cable
Other Accessories	Palm strap/Protective bag/Non-dust cloth and etc.
Laser Rangefinder	
Safety Class	Class 1
Wavelength	905nm
Range	1,000m
Accuracy	±1m

Accessories



Monocular (x1)



USB cable (x1)



Charger (X1)



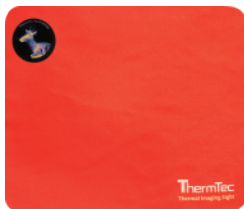
Lanyard(x1)



Hand strap (x1)



Lithium battery (X2)



Lens cloth (x1)



User manual (x1)



Bag(x1)

Dimension

Unit: mm

