

Thermal Imaging Monocular Wild 650DL Pro

Technical Specifications



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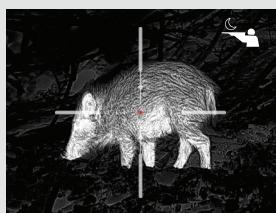


Wild 650DL Pro

Key Features

-  640×512 thermal resolution with NETD < 15mK
-  1600×1200 0.5" AMOLED display
-  Dual FOV switch for multiple-scenario application
-  Integrated LRF precision up to 1000m
-  Long detection range up to 2600m
-  Thermal super resolution for ultra-detailed images during zoom
-  ThermTec AI calibration for consistently stable and clear images
-  Replaceable and rechargeable batteries with 6-hour durability each
-  Soft-push pop-open battery access for fast swap
-  Directional joystick design to prevent accidental triggering
-  Horn-shaped eyecup design eyecup suitable for glasses wearers
-  Wireless remote control
-  Service & Support All-in-one App

Applications



Night hunting



Observation



Rescue operation



Hiking & traveling

Specifications

Model	Wild 650DL Pro
Microbolometer	
Resolution	640x512
Pixel pitch	12µm
NETD	< 15mK@300K
Spectral range	8-14µm
Frame rate	50Hz
Detection range	1300m/2600m
Optics	
Objective lens	25mm/50mm
F number	F0.9/F0.9
m@100m	30.7×24.6/15.4×12.3
Field of view	17.5° × 14°/8.8° × 7.0°
Magnification	1.8X-3.6X
Digital zoom	1-4X continuous zoom
Eye relief	20mm
Exit pupil	8mm
Diopter	±5D
Display	
Type	AMOLED
Resolution	1600×1200
Display size	0.5-inch
Color palette	6
Image mode	Forest/Rainy
Function	
Photo/Video playback	Yes
Language	Multiple-language
Inbuilt memory	64GB
PIP	Yes
Hot track	Yes
OSD recording	Yes
Burn prevention	Yes
Battery	
Internal battery	Replaceable and Rechargeable Li-ion Battery, 1*18650
Battery life	6h
Interface	
Type C	Battery charge, Data transfer, USB video output
Hotspot	Yes, App remote control
Environment	
Working temperature	-20°C to +50°C
Protection level	IP67
Weight, g	653±5
Dimension,mm	221(L)×71(W)×81(H)±5
Accessories	
External cable	USB Type-C cable
Other accessories	Palm strap/Protective bag/Non-dust cloth and etc.
Laser Rnagefinder	
Safety class	Class 1
Wavelength	905nm
Range	1000m
Accuracy	±1m

Accessories



Content	Quantity
Monocular	1
User manual	1
18650 battery	2
USB cable	1
Lens cloth	1
Charger	1
Service and support card	1
Lanyard	1
Hand strap	1
Bag	1

Dimension

Unit: mm

