

Thermal Imaging Monocular Wild 650DL Pro

Technical Specifications



Contact:

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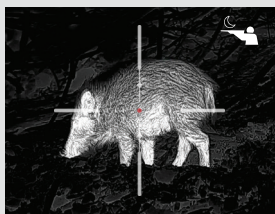
Website: <https://www.scv-sa.ch>

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

