

PARD

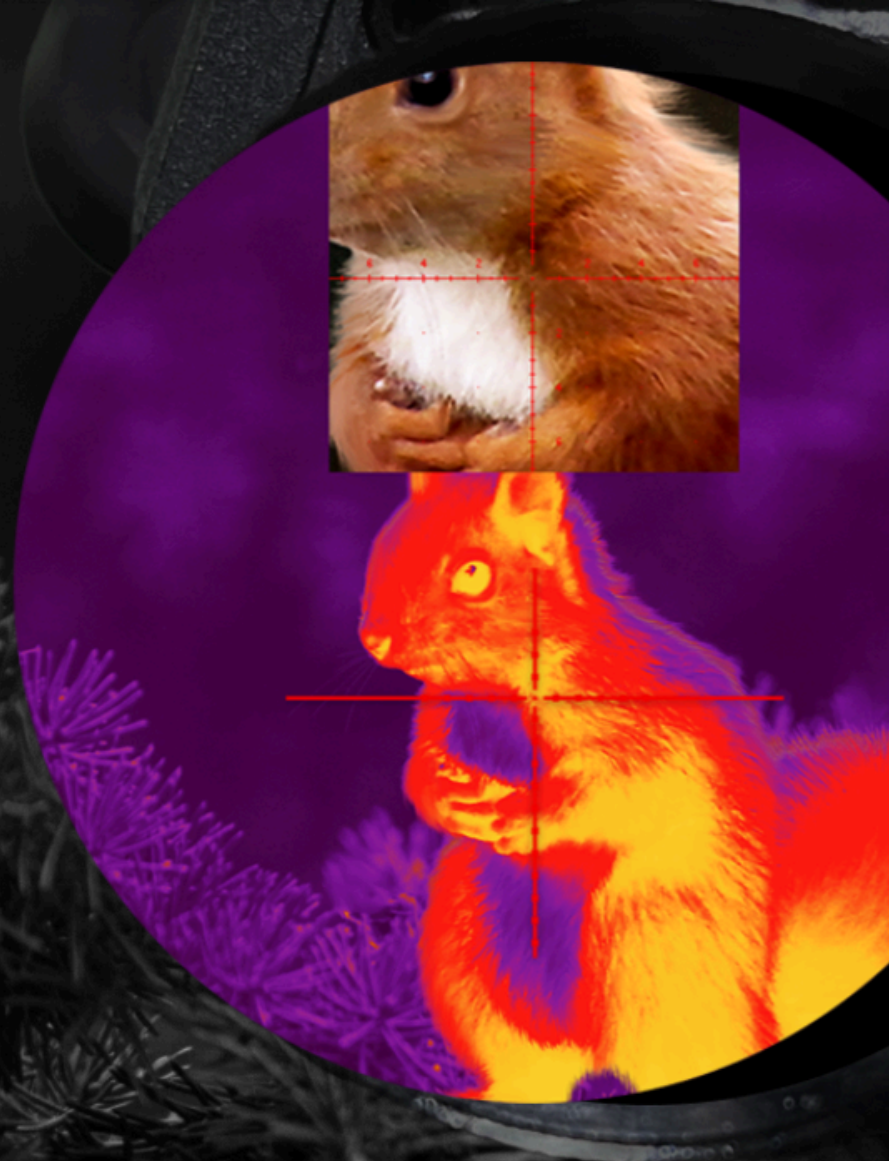
Landsat 640 C Multi-Spectral Rifle Scope

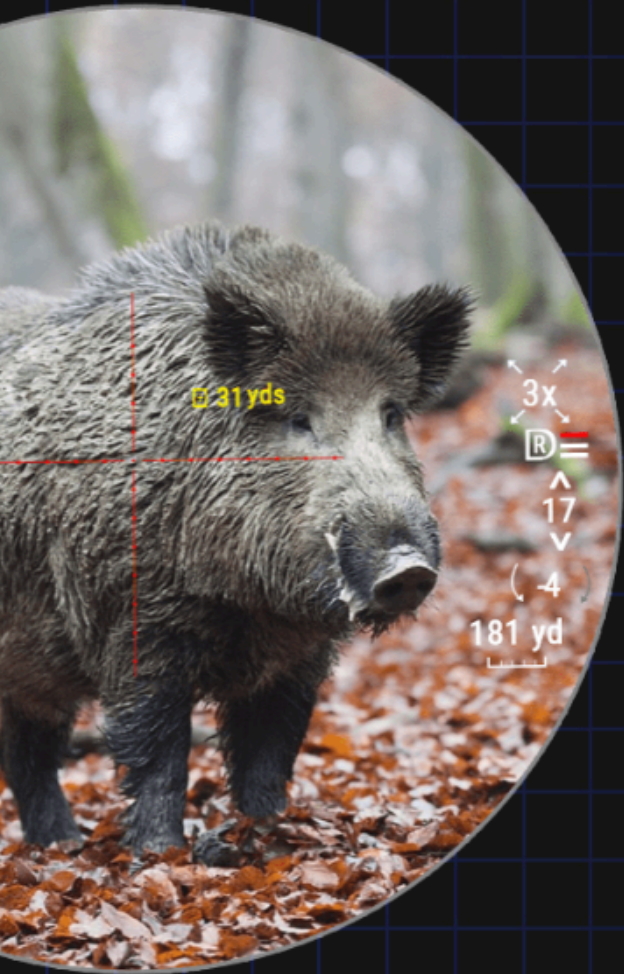




Transforming the Landscape of Hunting Safety

Efficiently and safely immerse yourself in a hunting expedition using the thermal imaging channel for target long-distance detection and the night vision channel for precise identification.





Integrated Multi-Spectral Viewing Modes

Revolutionizing hunting, Landsat Compact integrates three single-image channels (thermal imaging, night vision, and daytime) and a picture-in-picture channel combining night vision and thermal imaging effects.



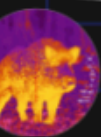
Thermal imaging



Night vision



Picture-in-picture





Compact Design, Effortless Hunting

With a compact design and a close-to-body center of gravity, the Landsat Compact ensures easy control, weighing under 720g to significantly lighten your overall hunting gear.



Weights
only **702g**



Dimension
265*90*92mm



100mm LongEye-relief with Circular Display

Experience unparalleled comfort with 100mm long eye-relief and circular display design aligns with the natural structure of the human eyes, Just like using a daytime scope.





More Sensitive and Reliable with Dual High-sensitive Sensor

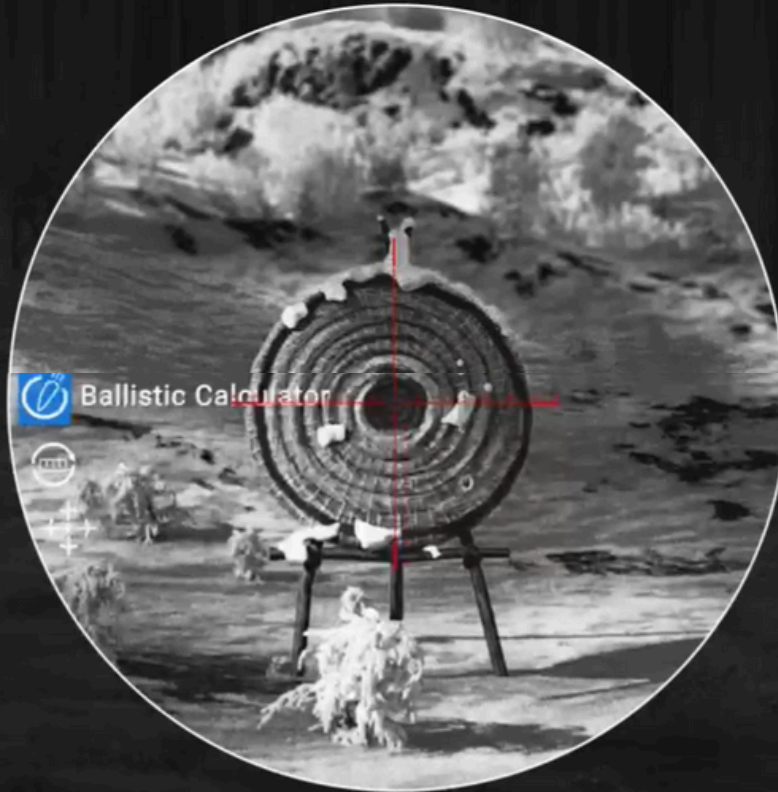
High-sensitivity and clarity thermal sensor with $12\mu\text{m}$ and $\text{NETD}\leq 25\text{mK}$ captures minimal temperature differences in low temperature contrast conditions. And 2K CMOS sensor transforms the landscape of more details in daytime and nighttime.





1200yds Laser Range Finder & Ballistic Calculator

Unlock unparalleled shooting precision with our cutting-edge integration of laser Rangefinder and advanced ballistic calculation. Which empowers hunters to swiftly and accurately gauge distances while computing precise trajectories for every shot.





Recoil-activated Recording

Seize moments effortlessly, and activated by recoil, seamlessly records shots.
Perfect for enhancing skills and cherishing triumphant hunts. Experience precision in every shot.





Battery Compartment
Cap Button

Battery
Compartment Cap

5000mAh

Innovating Rapid Battery Replacement Mechanism

One-touch battery compartment access facilitates seamless replacement of rechargeable 21700 Li-ion battery, ensuring a convenient and uninterrupted process of hunting.



5000mAh
Li-ion battery

Specifications

Landsat 640 C



Thermal Sensor		
Type	Uncooled Vox(vanadium oxide)	
Resolution(pixel)	640*512	
Pixel Size(μm)	12*12	
NETD	$\leq 20\text{mK}$ (0.02 $^{\circ}\text{C}$)	
Frame Rate(Hz)	50	
Detection Distance(m)	2100	
Image Engine	PARD IREA	
Objective lens(mm)	45	
Optical Magnification(x)	2	
Digital Zoom(x)	2/4/6/8	
Field of View	Horizontal	8.8 $^{\circ}$
	Vertical	8.8 $^{\circ}$
	Diagonal	12.4 $^{\circ}$
Focus range	3m- ∞	

Specifications

Landsat 640 C



Visible Light Sensor		
Resolution(pixel)	2560*1440	
Pixel Size(μm)	2.9	
Sensitivity(lux)	0.001	
Frame Rate(Hz)	Color mode: 60 / Mono: 30	
Image Engine	PARD VLEA	
Objective Lens(mm)	f50/f70	
Optical Magnification(x)	4.4/6.1	
Digital Zoom(x)	2	
Field of View	Horizontal	4.8°/3.4°
	Vertical	4.8°/3.4°
	Diagonal	6.8°/4.8°
Focus range	3m- ∞	

Specifications

Landsat 640 C



Display	
Type	IPS
Resolution(pixel)	800*800
Reticle Style	6
Reticle Color	4(Red/White/Yellow/Green)
Scene Mode	City/Rain/Forest
Image Mode	WT-HOT/BK-HOT/EDGE/RD-HOT/IN-HOT/SKY
Eye Relief(mm)	100
Diopter Adjustment(D)	-5~+3
Photo / Video	
Photo Resolution(pixel)	2592*1944
Photo Format	.JPG
Video Resolution(pixel)	Thermal: 1024*768/Night Vision: 1440*1080
Video Format	.mp4
Storage(GB)	Micro SD card (Max. 128)

Specifications

Landsat 640 C



Main Function	
LRF Detection Range(yd/m)	1200/1000
Ballistic Calculator	Yes
PIP	Yes
Gyroscope	Yes
Loop Recording	Yes
Recoil-activated recording	Yes
E-compass	Yes
Shutter	Mechanical shutter
Microphone	Yes
Firmware Upgrade	Yes
IR Illuminator	
IR Type	VCSEL
IR power(W)	5
IR Illuminating Level	3 Levels
IR Distance(m)	350
IR Wavelength(nm)	850/940

Specifications

Landsat 640 C



Interfaces	
USB Type-C	Yes
HDMI Output	Yes
Connections	
WiFi	Yes
Supported Apps	PardVision2
Power Supply	
Battery type	Li-ion 21700*1
Output Voltage(V)	3.7
Operating Time(h)	≤6
External Power Supply Type	Type-C
Environmental Characteristic	
Degree of Protection	IP67
Operating Temp(°C/°F)	-30 ~ +55 / -22 ~ +131
Recoil Resistance(J)	6000
Material	
Housing	Aluminum Alloy
Objective lens	All-glass multi-coated lens
Measurement	
Product Dimension L * W * H, mm	265 x 92 x 90 mm
illuminator&LRF&battery, g)	750g