

PARD

Sphinx 640

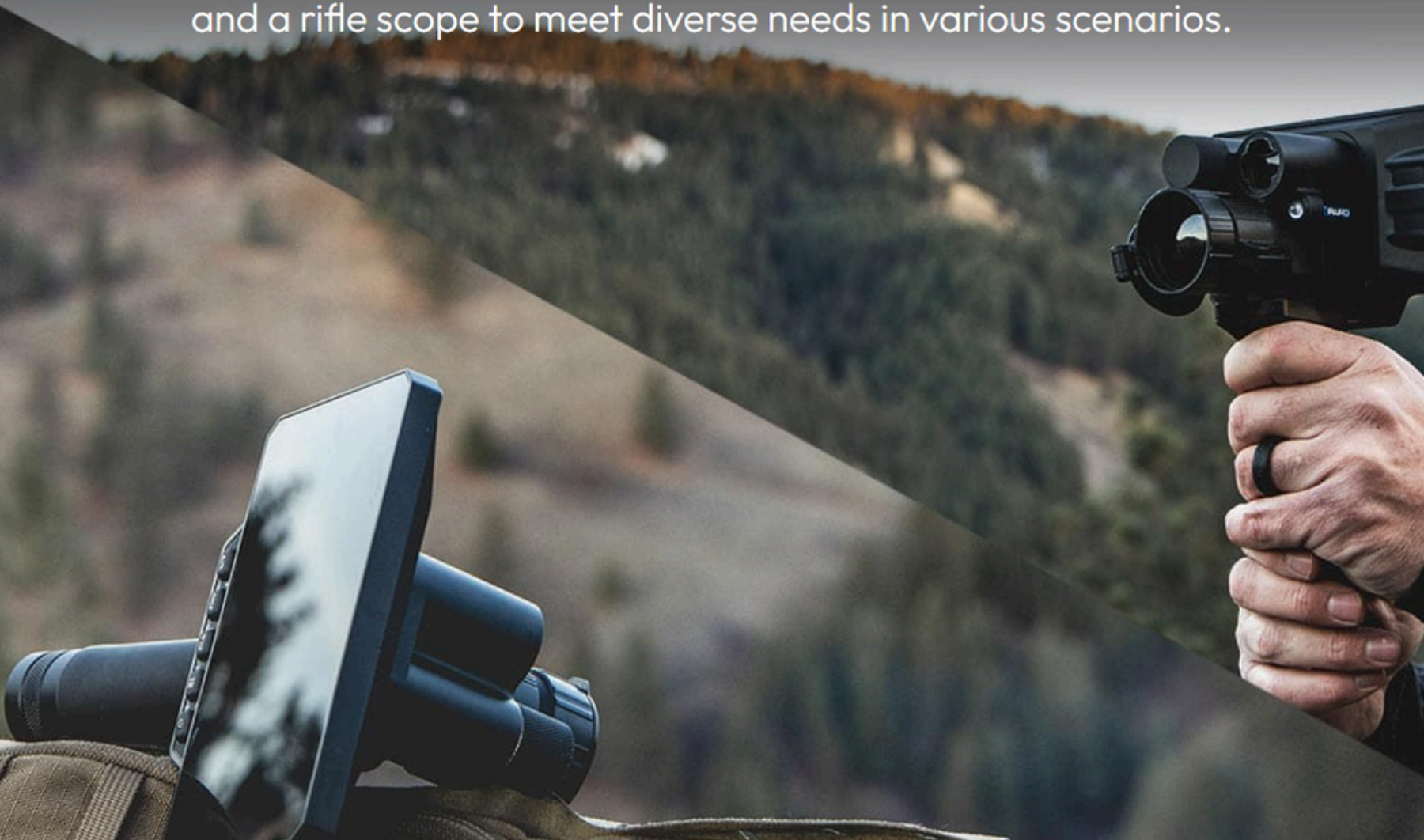
Thermal Handheld Camera and Rifle Scope, All-in-one.





Versatile Thermal Imaging Device

Effortlessly switch between a handheld search camera and a rifle scope to meet diverse needs in various scenarios.





5 Inch Display Perfect for Observing

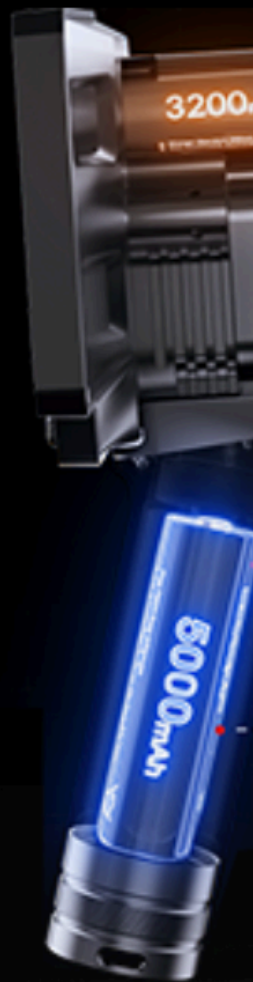
Sphinx is hailed as the world's first-ever large-screen thermal imaging camera, featuring a 5-inch display. This innovative design not only provides users with an expansive viewing experience but also ensures greater comfort during observation.





Long Operational Time

With dual batteries and extended operational time, the freedom for prolonged outdoor hunting has been greatly heightened. Users can now engage in their activities without the worry of running out of battery, making this feature particularly advantageous for extended wilderness expeditions.





Cutting-edge Thermal Imaging Technology

Featuring an ultra-low NETD of $\approx 35\text{mK}$ and a 50Hz refresh rate, Sphinx captures subtle temperature changes, providing outstanding clarity and smooth visuals.



White-Hot



1200 Yard LRF & Ballistic Calculator

Boasting a 1200-yard Laser Range Finder and an advanced ballistic calculator capable of storing five sets of data, the Sphnix 384 delivers real-time, precise shooting recommendations with unparalleled efficiency. Its exceptional accuracy and effectiveness solidify its position as the ultimate hunting companion.

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Capture the Moment, Relive the Thrill

Capture successful hits and document observation with the powerful video recording feature – Unleash the Power of Video Recording.



SPECIFICATIONS

Sphinx 640



Sensor

Type	Uncooled VOx(vanadium oxide)
Resolution(pixel)	640*512
Pixel Size(μm)	12*12
NETD	$\leq 20\text{mK}$ (0.020°C)
Frame rate(Hz)	50
Detection Distance (m)	1800
Image Engine	Pard IREA
Objective Lens(mm)	35
Optical Magnification(x)	2.5
Digital Zoom(x)	2/4/6/8
Field of view (Horizontal)	12.5°
Field of view (Vertical)	10.0°
Field of view (Diagonal)	16.0°

SPECIFICATIONS

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Display

Type	LCD
Resolution(pixel)	1280*720
Reticle Style	6
Reticle Color	Red/White/Yellow/Green
Scene Mode	City/Rain/Forest
Image Mode	WT-HOT/BK-HOT/EDGE/RD-HOT/IN-HOT/SKY

Photo / Video

Photo resolution(pixel)	1280*720
Photo Format	.JPG
Video Resolution(pixel)	1280*720
Video Format	.mp4
Storage(GB)	Micro SD card (Max. 128GB)

SPECIFICATIONS

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Main function

LRF Detection Range	1000m/1200yd
Ballistic Calculator	Yes
PIP	Yes
Self-motivated Recording	Yes
Loop Recording	Yes
Shutter	Mechanical Shutter
Microphone	Yes
Firmware Upgrade	Yes

Connections

USB Type-C	Yes
HDMI Output	Yes
WiFi	Yes
Supported Apps	PardVision2

SPECIFICATIONS

Sphinx 640



Power Supply

Main Device Battery Type	Lithium Ion18650
Handle Battery Type	Lithium-Ion 21700
Output Voltage(V)	3.7
Operating Time(h)	≤6
External Power Supply	USB Type-C

Environmental characteristic

Protective Class	IP67
Operating Temp(°C/°F)	-30~+55 / -22 ~ +131
Recoil Power(J)	6000

Material

Housing	Aluminum Alloy
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