

PARD

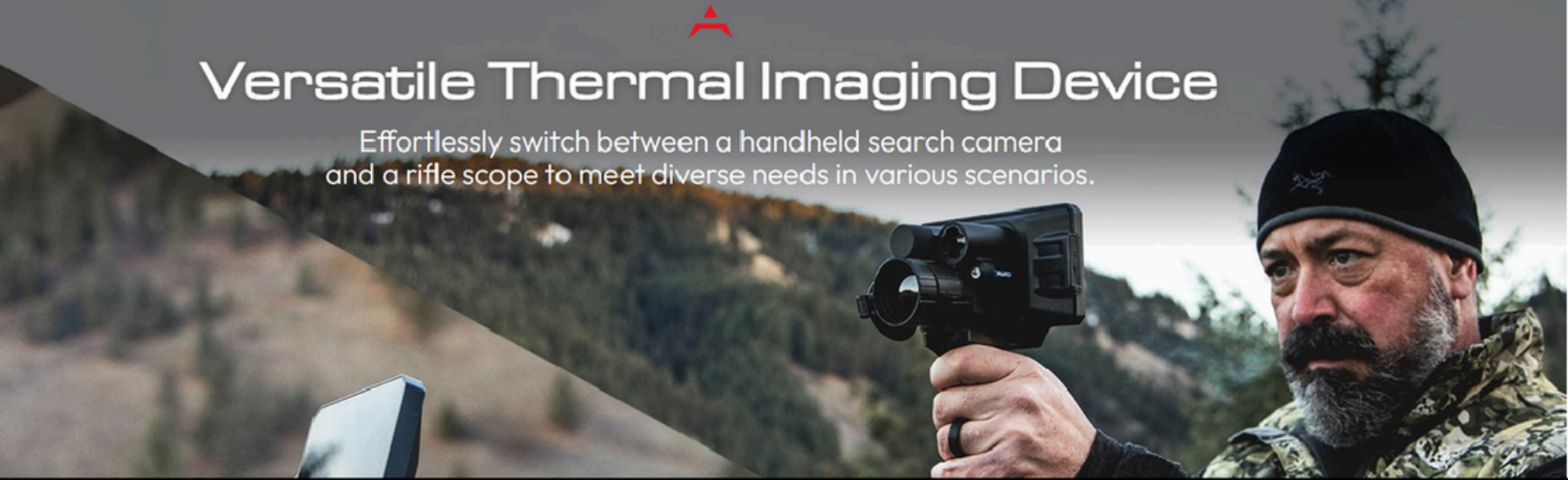
**Sphinx 640 Thermal Handheld Camera and Rifle Scope,
All-in-one.**





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.



3200mAh battery in the body

The handle battery can serve as a power source to energize the

5000mAh battery in the handle



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.





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.



Capture the Moment, Relive the Thrill

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



YOUR SUPPORT IN ONE CLICK

SPECIFICATIONS

Sphinx 640



Sensor		
Type	Uncooled Vox(vanadium oxide)	
Resolution(pixel)	640*512	
Pixel Size(μm)	12*12	
NETD(mK)	≤20mK (0.020℃)	
Frame rate(Hz)	50	
Detection distance(m)	1800	
Image Engine	Pard IREA	
Objective lens(mm)	35	
Optical Magnification(x)	2	
Digital zoom(x)	2/4/6/8	
Field of view	Horizontal	12.5°
	Vertical	10.0°
	Diagonal	16.0°
Display		
Type	LCD	
Resolution(pixel)	1280*720	
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	
Photo resolution(pixel)	1280*720	
Photo format	JPG	
Video resolution(pixel)	1280*720	
Video format	.mp4	
Storage(GB)	Micro SD card(128 GB,Max)	

SPECIFICATIONS

Sphinx 640



Main Function	
LRF detection range(m/yds)	1000/1200
PIP	Yes
Loop recording	Yes
Hot track	Yes
Shutter	Mechanical shutter
Microphone	Yes
Firmware Upgrade	Yes
Connections	
USB Type-C	Yes
HDMI Output	Yes
WiFi	Yes
Supported Apps	PardVision2
Power Supply	
Main Device Battery Type	Li-ion 18650
Handle battery type	Li-ion 21700
Output voltage(V)	3.7
Operating time(h)	≤6
External power supply(V)	Type-C

SPECIFICATIONS

Sphinx 640



Environmental Characteristic	
Degree of protection	IP67
Operating Temp(°C/°F)	-30 ~ +55 / -22 ~ +131
Recoil Resistance(J)	6000
Material	
Housing	Aluminum Alloy