PARD

Sphinx 480
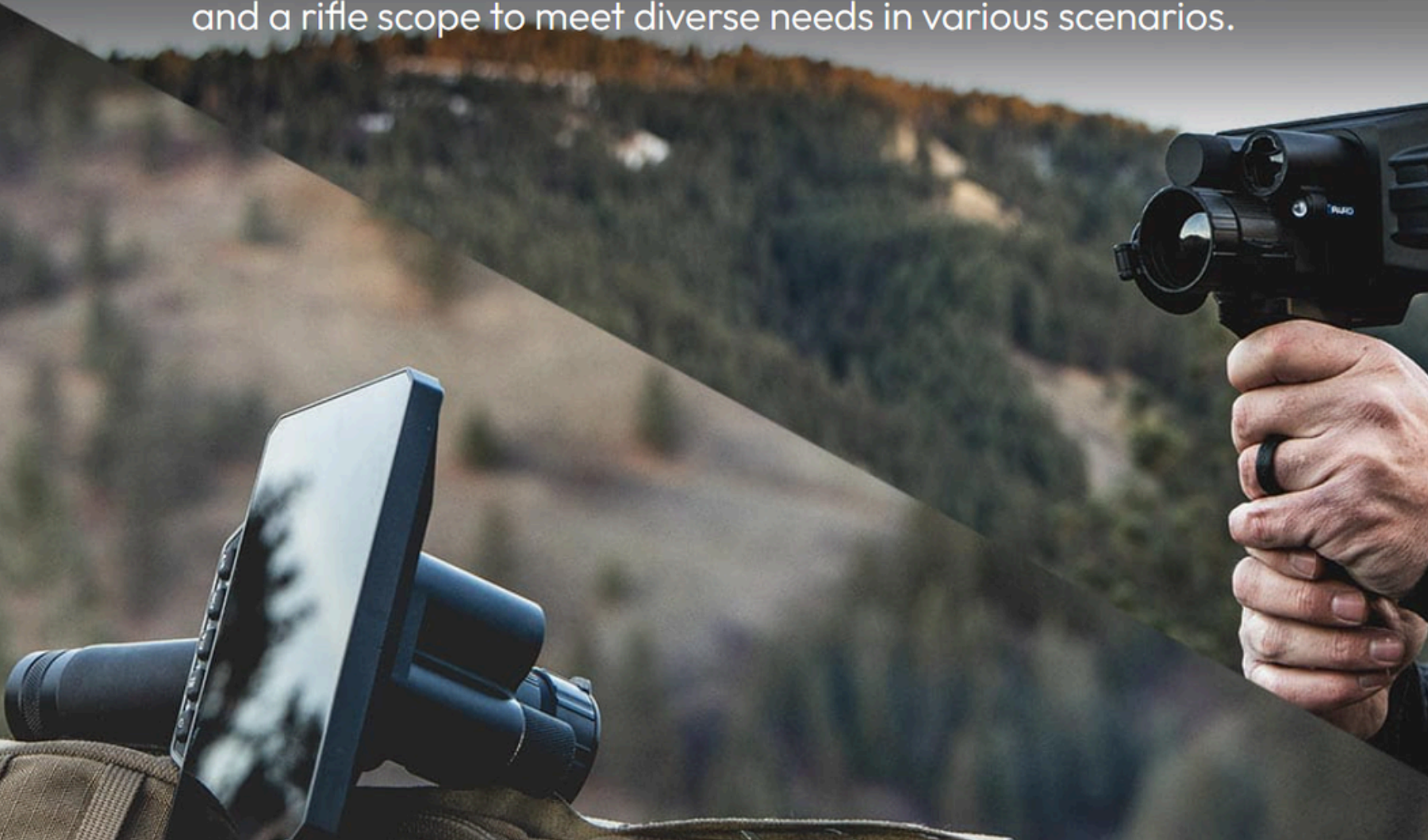## Thermal Handheld Camera and Rifle Scope, All-in-one.

Versatile Thermal Imaging Device

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

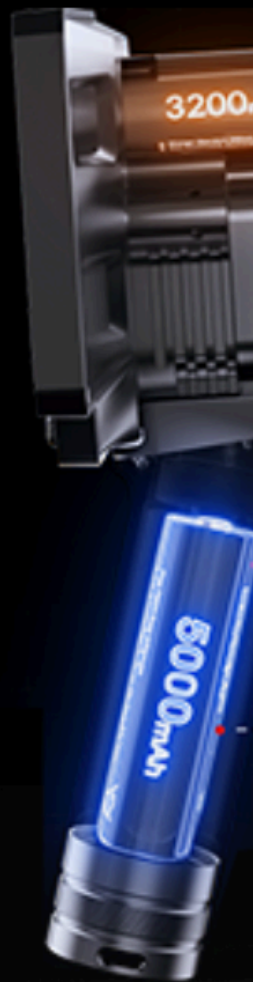# 5 Inch Display Perfect for Observing

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 &35mK and a 50Hz refresh rate, Sphinx captures subtle temperature changes, providing outstanding clarity and smooth visuals.

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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.

SPECIFICATIONS

Sphinx 480

Sensor		
Type		Uncooled Vox(vanadium oxide)
Resolution(pixel)		480*360
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)		2.5
Digital zoom(x)		2/4/6/8
Field of view	Horizontal	9.4°
	Vertical	7.1°
	Diagonal	11.8°
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 480

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 Tpye-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 480

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