

Pixfra



* Design and specifications are subject to change without notice.



Pixfra Technology

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SIRIUS SERIES

Thermal Monocular



HIGH-PERFORMANCE THERMAL VISION

Sirius, equipped with an 18mK NETD sensor and an F0.9 large aperture lens, elevates thermal imaging with the PIPS 2.0 (Pixfra Imaging Processing System). This cutting-edge technology, combined with our cohesive lens and sensor design, ensures a superior thermal experience that surpasses conventional standards, offering users an unprecedented level of accuracy and reliability.

VAST DISPLAY WITH COMFORTABLE VIEWING

Experience the brilliance of Sirius, highlighted by its 0.49-inch screen with a 1920x1080 OLED resolution. This expansive display delivers a viewing experience that's second to none, offering a comfortable and clear vista that brings distant scenes to life with vivid clarity.



NETD $\leq 18\text{mK}$

Lens F0.9

Screen 1920x1080 OLED, 0.49 inch

PIPS 2.0 Pixfra Imaging Processing System

NEW FAMILY DESIGN LANGUAGE

Step into a legacy of design with our signature side power key. Complemented by a crystal breathing light, it offers 5-level brightness and subtly signals device status. The lens's X-marked focus ring and carbon fiber accents provide both precision and uniqueness, making the device as easy to use as it is a pleasure to handle.

EMPOWER YOUR JOURNEY WITH TWO IN ONE

Experience the dual-view versatility, offering a seamless shift from a 25mm scan to a 50mm close-up with continuous zoom increments, all without re-focusing. Equipped with the functionality of two telescopes in a single device, it meets the needs for search, positioning, and observation all at once. Achieve seamless vision transition and swiftly lock onto targets with this versatile feature. (S650D model only)

PAY ATTENTION TO EVERY DETAIL

Witness the 3.9x maximum system magnification, bringing distant details into vivid focus and bridging the gap between you and the farthest views with lifelike clarity

RELIABLE SINGLE-HANDED CONTROL

Sirius features a classic three-key layout designed for reliable one-handed operation. Its comfortable shape and lightweight design ensure a pleasant grip for extended outdoor adventures, highlighting Sirius's commitment to user-friendly functionality.



QUICK-CHANGE BATTERY

Sirius brings easy battery access system that makes battery changes super quick. With a simple touch, the cover pops open, letting you quickly swap batteries, and it locks securely back into place, making every use smooth and dependable.



Model	Sensor	NETD	Lens	Display	Battery	Detection Distance
S435	384x288, 12 μm	$\leq 18 \text{ mK}@f/1.0$	35mm F1.0	0.41inch, 1440x1080	$\geq 7.5\text{h}$	1800m
S635	640x512, 12 μm	$\leq 18 \text{ mK}@f/1.0$	35mm F1.0	0.41inch, 1440x1080	$\geq 7.5\text{h}$	1800m
S650	640x512, 12 μm	$\leq 18 \text{ mK}@f/1.0$	50mm F0.9	0.41inch, 1440x1080	$\geq 6\text{h}$	2600m
S650D	640x512, 12 μm	$\leq 18 \text{ mK}@f/1.0$	25-50mm F0.9-F1.1	0.41inch, 1440x1080	$\geq 6\text{h}$	2600m