



* Design and specifications are subject to change without notice.

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RANGER SERIES

Thermal Monocular





PRO-GRADE IMAGE SENSOR

All models adopt 12μm detector, up to 640×512 resolution, detector sensitivity < 30mk, even in heavy rain, fog or cold harsh environment, can perfectly present details, clearly observe the target feature details.

VIVID SCENE IS IN THE SCREEN

The Ranger series monocular is equipped with high-resolution OLED, which brings the picture quality experience such as contrast and color to a new level. Compared with 1024×768 resolution, the 1440×1080 resolution has doubled the number of pixels, making it clearer and more detailed.

EXTEND YOUR SIGHT EDGE

Ranger has a maximum 50mm lens, which can realize the detection distance of 2600m, helping you break through the visual boundary of human eyes at night.



LONG BATTERY LIFE

Support more than 7.5 hours of battery life, also support manual and automatic standby mode, to meet your outdoor observation needs all day.

STRONG PROTECTION ABILITY

Ranger supports IP67 protection and can be used after soaking in water for half an hour. The minimum operating temperature is -30°C, which can follow you to harsh environments.



Pro-grade Image Sensor



Vivid Scene in the Screen



Extend Your Sight Edge



Six Color Palettes



Long Battery Life



Strong Protection Ability

SIX COLOR PALETTES



White Hot



Black Hot



Alarm



Iron Red



Jade



Amber

Model	Sensor	NETD	Lens	Display	Battery	Storage	Detection Distance
R425	384×288, 12μm	≤30 mK@f/1.0	25mm F1.0	1440×1080 OLED	>7.5h	32G	1300m
R435	384×288, 12μm	≤30 mK@f/1.0	35mm F1.0	1440×1080 OLED	>7.5h	32G	1800m
R625	640×512, 12μm	≤30 mK@f/1.0	25mm F1.0	1440×1080 OLED	>6.5h	32G	1300m
R635	640×512, 12μm	≤30 mK@f/1.0	35mm F1.0	1440×1080 OLED	>6.5h	32G	1800m
R650	640×512, 12μm	≤30 mK@f/1.0	50mm F1.0	1440×1080 OLED	>6.5h	32G	2600m