



Model



SCH50

Resolution	640×512
Pixel Size, um	12
NETD, mk	≤40
Frame Rate, Hz	50
Objective Lens, mm	50
Field of view	8.8° ×6.6°
Optical Magnification	2.91 ×
Display	1024×768 OLED
Detection Range	2597m
Eye Relief	48mm
Battery	CR123 × 2
Battery life	3.5h
Dimension, mm	175×68×74
Weight, g	<570
Degree of protection	IP67

Saim Series

SCH50

SCH50 is the first affordable thermal imaging scope which adopts the 12um detector with 640×512 resolution, objective lens of 50mm focal length, 1024×768 OLED display, and 48mm eye relief, more suitable for aiming.



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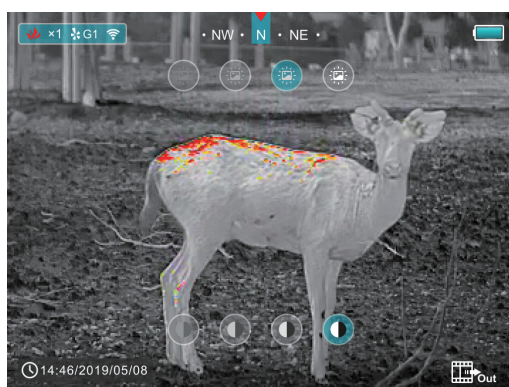
Higher Image Quality and New 1024x768 OLED

SCH50 adopts the 12um sensor with 640x512 resolution, objective lens of 50mm focal length, 1024x768 OLED display, and 48mm eye relief, more suitable for aiming. With the powerful sensor and image algorithm, better image quality is provided. The 50mm, F1.1 thermal lens brings more energy. In the ultra-clear mode, more details can be revealed in extreme weather such as rain and fog.



Ultraclear Mode

Ultraclear mode is specially for harsh environment, that make Saim be more sensitive and get more details.



Adjustable image brightness and contrast

Experienced users have more options in tuning the image for different scenarios. Users can adjust image brightness adjustment, image contrast adjustment, cold and warm color palette switching, it is adaptable to multiple types of environments. Customers can have more options for adjustment and better playability.

Built-in Video Recorder and WIFI Connection

SCH50 is built with memory of 16GB which can support to store video and pictures. The wifi hotspot of the product supports simultaneous connection of four devices.

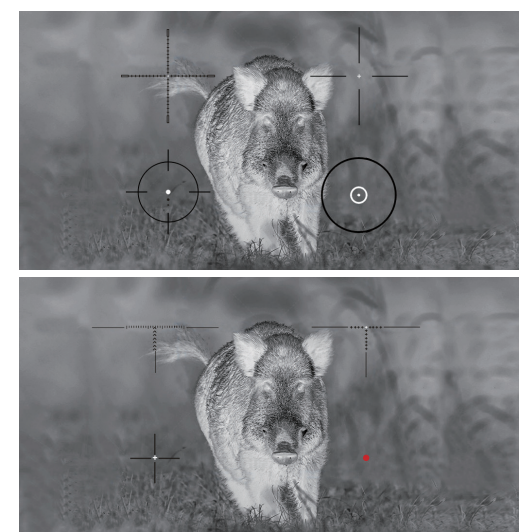


High Shock Resistance

The Saim Series features exceptionally high shock resistance up to 1000G. Recoil rated up to 6,000 joules for flawless performance on larger calibers up to .375H&H,12-gauge and 9.3x64.

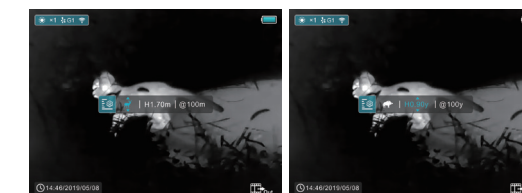
Extended battery compartment

The SCH50 series could equip with an extended battery compartment which means using two 16650 batteries is allowed, users can receive additional using time and the maximized battery life of SCH50 series is increased up to 7h.



Target height configuration and range notification

The function of setting the height of the target for stadiametric rangefinder can adapt to the size of the prey in different areas. And first time range notification enables users to set the prey height and effective range. Through the notification line on the interface, users can easily determine whether the prey enters the range.



Built-in Accelerometer and Digital Compass

Built-in accelerometer and digital compass improve accuracy by precisely identifying angle and inclination. The Saim Series can indicate the direction and degree of lateral tilting.



Eight Different Reticles and Greater 2.91 Visual Magnification

To satisfy different hunting requirements of users, 8 different reticles are designed for users to choose from. The more advanced 12um sensor is adopted, which has a greater visual magnification and detection range.