

# Model



**SCD35**

Detector Specifications	
Type	HD CMOS
Resolution	1920 x 1080
Sensor Pixel	4μm
Optical Specifications	
Focal Length of Objective Lens, mm	35mm
F-number	1.4
Optical Magnification, X	3X~12X
Field of View, °	8.4°×6.3°
Digital Zoom	1X/2X/3X/4X
Exit Pupil Distance, mm	35mm
Diopter, D	-7 D~+3D
Display	
Type	FLCOS
Resolution	1280 x 960
Dimension	0.39"
Battery	
Battery Type	CR123 (3.7V) * 2 / 16650 * 2
External Voltage, V	5V (Type C USB)
Battery Life, h	3.5h(CR123) / 7h (16650)
Physical Specifications	
Detection range, m	200m
Degree of protection, IP code	IP66
Memory Capacity, GB	16GB
Operating Temperature, °C	-20 °C~+50 °C
Max. Recoil Power on Rifled Weapon	1000g/s <sup>2</sup>
Capture/Video resolution	1280 x 960
Weight, g	430g
Dimension, mm	195×61×61
IR illuminator	
Wavelength, nm	940nm/850nm
Battery Type	18650
Max Power	1.5w



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## Saim NV Series

### SCD35

The Saim NV series is powerful and professional digital day and night riflescopes with outstanding night vision capability, featuring excellent full 1080P sensor with ultra-low light performance, compact size and lower than 430g lightweight, 16G build-in memory, WiFi, Video record, Photo taking, and so on, it is perfect for day- and nighttime hunting and observation.





## Clear Night Vision

### Clear Nighttime Imaging

Improved full 1080P sensor with excellent ultra-low light performance brings an enhanced sensitivity to the nighttime environments and preys, much dimmer lights could be sensed and captures.



### Optional 940nm or 850nm IR

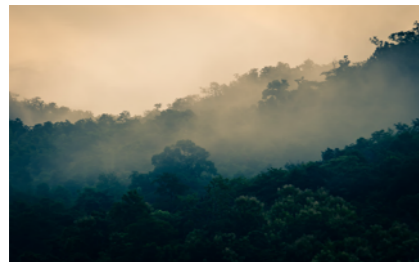
Optional 850nm or 940nm IR illuminator allows users to increase illumination while staying undetected. Three features of IR illuminators:

- Adjustable direction
- 3-level adjustment
- Adjustable concentration ratio

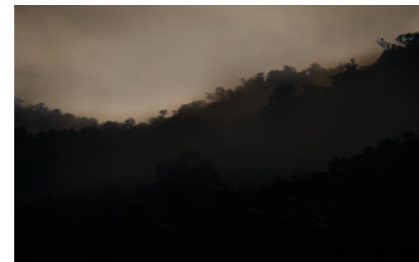


### Twilight Mode-Twilight Color

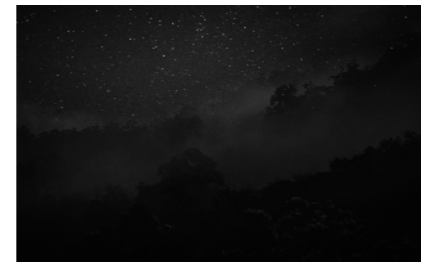
Three image modes - Day/Twilight/Night for certain time use, benefiting from technological advantages, the users can see colors in twilight time.



Day-mode



Twilight-mode

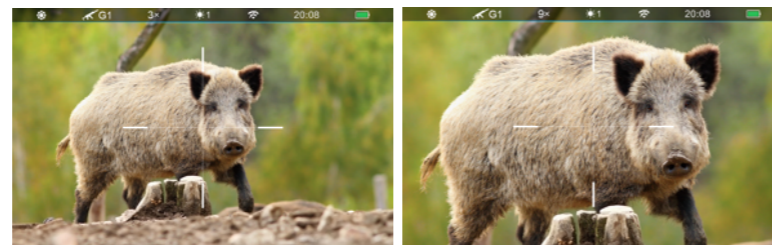


Night-mode

## Multifunctionality

### 3X-12X Variable magnification

The base magnification of SCD35 increases by 4 times from 3X to 12X and the zoom can change either gradually in 1x step or continuously.



### PIP Function



Picture-in-Picture improves shooting accuracy by providing a 2x magnified image of the reticle area at the top of the display screen.

### Support WIFI& InfiRayOutdoor APP

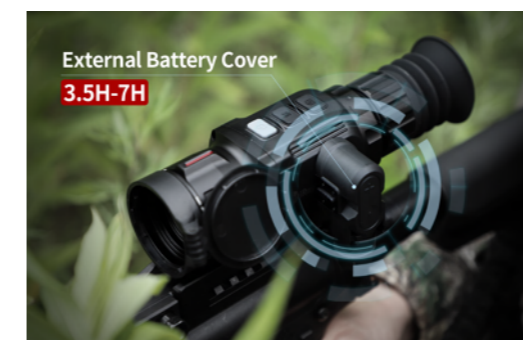
The internal WIFI module ensures the flawless connection of the SCD35 and the InfiRayOutdoor APP, 16G memory support video recording and photo taking function.



## Reliability

### Sufficient Operating Time

3h basic run life and with 2 replaceable 16650 batteries the time can increase to 7h, it can meet with the needs of the short or more further journey.



### Compact Size and Lightweight

Lightweight < 430g (without IR illuminator) and the compact size makes SCD35 be the perfect hunting partner.



### IP 66 Waterproof Rating

IP66 protection rating can protect components inside the SCD 35' s construction and extend its service life, such as rain, muddy grounds.

