

# Lahoux *Sight 35*

Thermal Imaging Riflescope



Lahoux *Optics*

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## Thermal Imaging Riflescope



The Lahoux Sight 35 is a riflescope with thermal imaging function, which combines the attributes of an excellent riflescope with those of an outstanding thermal imaging device. This allows hunting at night as well as during the day with only one device.

The use of a  $12\mu\text{m}$  pixel pitch detector ensures maximum sharpness and contrast with a long detection range. The image refresh rate of 50 Hz enables a smooth and vibration free image. Characteristic features of the Lahoux Sight 35 include its detector resolution of  $384 \times 288$  pixels, as well as the 35 mm lens. This provides a large field of view of  $7.5^\circ \times 5.6^\circ$ , which enables the Lahoux Sight 35 to observe larger areas in stalking situations, but also to have sufficient power reserve for further shots. This is not at least thanks to its 3 to  $12\times$  (1 to  $4\times$  digital) magnification.

The Lahoux Sight 35 enables the use of high-performance thermal imaging technology in combination with proven rifle scope technology without significantly changing the familiar rifle scope design.

### Features

- $12\mu\text{m}$  pixel pitch detector for maximum sharpness and contrast
- Five colour modes: white hot, black hot, red hot, target highlight and multi-colour
- Wide field of view:  $7.5^\circ \times 5.6^\circ$
- Photo and video function
- Detection distance of more than 1800 m

### Technical specifications

<b>Model</b>	<b>Lahoux Sight 35</b>
Use	forest/field
Detection distance	1846 m
Battery runtime	15 hours
Field of view	$7.5^\circ \times 5.6^\circ$
Field of view at 100 m	13 m
<b>Detector</b>	
Resolution	$384 \times 288$ px
Pixel pitch	$12 \mu\text{m}$
Sensitivity (NETD)	$\leq 50$ mK
Frame rate	50 Hz
<b>Optics</b>	
Objective lens	35 mm
Magnification (digital)	$1\times$ to $4\times$
Eyepiece	70 mm
Diopter adjustment	-4 D +4 D
<b>Operational parameters</b>	
Battery	Built-in $2 \times 18650$ batteries and $1 \times$ replaceable 18500 battery
External power supply	5V (Type USB-C)
Diameter of the riflescope	30 mm
Max. recoil power	$1000 \text{ g/s}^2$
Encapsulation	IP67
Internal memory	16 GB
Operating temperature range	$-20$ to $+50^\circ\text{C}$
Weight	0.95 kg
Dimensions	$385 \times 85 \times 75$ mm

