

LahouxOptics

Specialist in nightvision

Thermal rifle sight Lahoux LS-51/55



The Lahoux LS-51/55 is, for its performance, a compact, light and shock resistant thermal rifle sight that is perfect for aiming, detecting and observing heat sources during any situation.

Totally independent of visible light it lets you see through light smoke, fog and foliage. It has an additional wrist strap for when it is used as an observation device.

The Lahoux LS-51/55 gives you a choice of sensor. It can be ordered with a state of the art 17 μm pixel pitch 640 x 512 thermal sensor giving the user an excellent picture resolution.

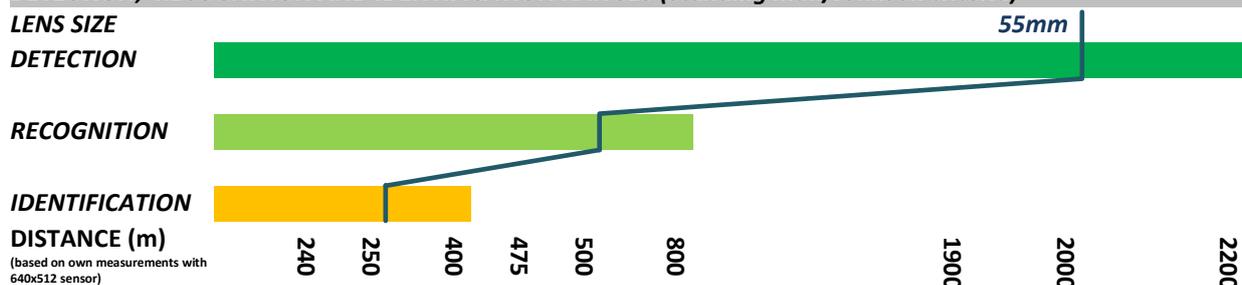
An Amoled high definition colour display provides high contrast and sharp images.

A choice of reticles is available and several different displaying modes, including coloured ones. The user can select the mode best suited for the target he is looking at.

There is a universal watertight connector for external power, video output and software control.

The internal battery pack can be changed easily in total darkness in a matter of seconds.

DETECTION, RECOGNITION AND IDENTIFICATION RANGES (Standing man/Johnson criteria)



Specifications		
Detector		
Resolution	336 x 256	640 x 512
Pixel size	17 μ m	
Spectral range	7,5 - 13,5 μ m	
Sensitivity (NETD)	<60 mK	<50 mK
Sensitivity (NETD) Elite	<30 mK	
Optics		
Lens	55 mm	
Relative aperture	F/1.2	
Field of view (h x v)	5.9° x 4.5°	11.3° x 9°
Eye relief	25 to 50 mm	
Diopter correction	-6 to +2	
Electronics		
Video output	PAL (NTSC optional)	
Display	AMOLED, 800 x 600	
Interface	USB	
Reticles	6	
Operational parameters		
Operating temperature	-40°C to 80°C	
Permissible shock	300 G	
Battery life	5-7 h	
Dimensions (mm)	183x52x80	
Weight with batteries	0,56 kg	

All data is subject to change

