



LEAP

Model		L3R	L6R
Sensor Specifications	Type	VOx Uncooled	
	Resolution, pixels	384×288	640×480
	Pixel Pitch	12 μm	
	NETD	<20 mK	
	Frame Rate	50 Hz	
Optical Specifications	Objective Lens	35 mm	50 mm
	Optical Zoom	3.2 to 9.6x	2.8 to 8.4x
	Field of View (H×V)	7.5° × 4.2°	8.8° × 4.9°
	Linear Field of View (H)	13.2 m@100m	15.4 m@100m
	Digital Zoom	1 to 4x	
	Eye Relief	50 mm	
	Diopter Adjustment	-5 to + 5 D	
	Detection Range	1800 m	2600 m
Display Specifications	Type	AMOLED	
	Resolution, pixels	1920×1080	
Laser Rangefinding	Max. Measuring range	1200 m	
	Measurement Accuracy	±1 m	
Video Recorder	Video/Photo Resolution, pixel	1280×720	
	Video/Photo Format	.mp4 / .jpg	
	Built-in Memory	32 GB	
Physical Specifications	Degree of Protection, IP Code	IP67	
	Operating Temperature Range	-20 to + 50 ° C	
	Weight	1200 g	1230 g
	Dimensions	371×89×76 mm	
Connections and Compatibilities	Battery Type	18650	
	Operating Time on Battery Pack (at t=25° C)	4 h	
	External Power Supply	5V (Type-C USB)	
	Max Recoil Power on Rifled Weapon (Eo)	1000g/6000J	
	Compatible Mounts	30mm rings	



LEAP

L3R/L6R

BUILT-IN LENS LRF WITH
0.35 MOA PRECISION



0.35 MOA
PRECISION



BUILT-IN
LENS LRF



CONTINUOUS
OPTICAL ZOOM



NETD < 20mK



0.35 MOA PRECISION, FOR THE PERFECT SHOT

Powered by our latest processor with AI-enhanced imaging, the LEAP L3R/L6R delivers crisp 1280 × 720 video — sharper than ever, both through the scope and on your phone. Achieve 0.35 MOA precision (1.03cm@100m) with a finer reticle. No more blocked targets — just clean, confident shots.



BUILT-IN LENS LRF

The LEAP L3R/L6R's laser rangefinder is seamlessly integrated into the lens system, perfectly aligning the laser and optical axes for pinpoint accuracy out to 1200m. Its compact, optimized design ensures crystal-clear imaging and excellent shock resistance, while the integrated ballistic calculator delivers instant data for faster, more precise shots.



STAY CLEAR IN TOUGH ENVIRONMENT

Equipped with thermal sensors boasting a NETD < 20mK, the LEAP L3R/L6R detects even the slightest temperature differences — delivering reliable imaging in rain, snow, or high humidity. Paired with an F0.9 lens that increases light intake by 20% compared to F1.0, it enhances brightness and detail in low-light conditions.



WIDER EYE BOX +30%

The LEAP L3R/L6R features a redesigned eyepiece with a larger exit pupil and extended eye relief. This reduces distortion, improves comfort, and expands the forgiving eye box by 30%, letting you see a full, sharp image without perfect alignment. Fast shoulder, quick shift — your target stays in sight.



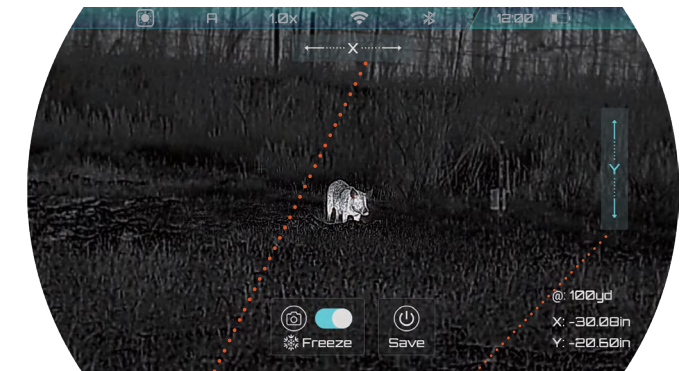
Larger Exit Pupil

Regular Exit Pupil



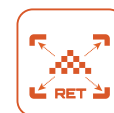
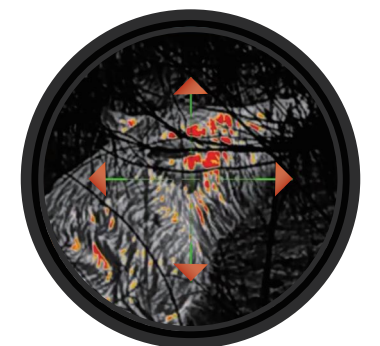
INTUITIVE CONTROLS, PERFECTLY IN HAND

Built for real-world use, the LEAP L3R/L6R includes three large knobs and two oversized buttons for quick, intuitive adjustments — even in the dark or with gloves on. Smooth zeroing with no need to reverse direction. Just turn and go.



CONTINUOUS OPTICAL ZOOM

Enjoy smooth, crystal-clear magnification — no pixelation, no lag. The LEAP L3R/L6R features an AMOLED display for vivid, high-contrast visuals, and a fine 5.6 μm pixel size keeps images sharp and detailed, even at 3× optical zoom. No blur. No pixelation. Just a clear shot.



ZOOM IN WITHOUT LOSING PIXELS

The LEAP L3R/L6R features enhanced RET technology, which doubles and simulates pixels, ensuring a clearer image even after using digital zoom.