



LEAP L12R

Model	LEAP L12 R	
Sensor Specifications	Resolution, pixels	1280×1024
	Pixel Pitch	12 μm
	NETD	<15 mK
	Frame Rate	60 Hz
Optical Specifications	Objective Lens	60 mm
	Optical Zoom	2.0~6.0×
	Field of View (H×V)	14.6°×11.7°
	Digital Zoom	1~8 ×
	Eye Relief	50 mm
	Diopter Adjustment	-5 ~ +5 D
	Detection Range	3390 yd
Display Specifications	Type	AMOLED
	Resolution, pixels	2560×2560
Laser Ranging	Max. Measuring Range	1312 yd
	Measurement Accuracy	±1.09 yd
Video Recorder	Video / Photo Resolution, pixels	1280×1280
	Video / Photo Format	.mp4 / .jpg
	Built-in Memory	64 GB
Physical Specifications	Degree of Protection, IP code	IP67
	Operating Temperature Range	-4 ~ +122 °F
	Dimensions	15.5×3.8×3.3 inch
	Weight	3.0 lb
Connections and Compatibilities	Battery Type	18650
	Wi-Fi	√
	Operating Time on Battery Pack (at t=72°F)	6.5 h
	External Power Supply	5 V ( Type C USB)
	Max. Recoil Power on Rifled Weapon (Eo)	1000 g / 6000 J
	Compatible Mounts	30 mm rings

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# LEAP

## L12R

### DESIGNED BY HUNTERS



1280×1024  
THERMAL SENSOR



1.03" ROUND  
AMOLED DISPLAY



CONTINUOUS  
OPTICAL ZOOM



BALLISTIC  
CALCULATOR

[www.rixoptics.com](http://www.rixoptics.com)



## HIGH-END THERMAL SENSOR FOR SUPERIOR IMAGE QUALITY



**SHARPER IMAGING  
GREATER DETAIL**

1280x1024  
Thermal Sensor

NETD < 15 mK

F 1.0/60 mm Lens

60 Hz Frame Rate



**CLARITY IN HIGH  
HUMIDITY**



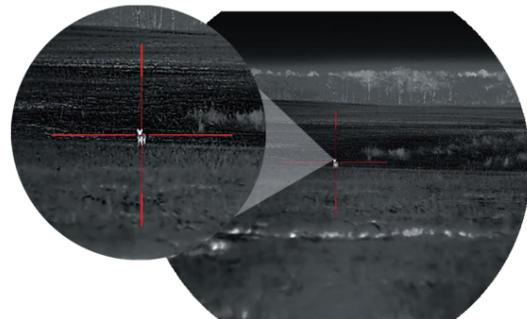
**ENHANCED DETAIL AT  
DIGITAL ZOOM**

Digital zoom may blur image details, but LEAP L12R sharpens them with AI algorithms.

**RET Technology** fills in missing details when zoomed, keeping images smooth and clear.

**Dynamic Scene Adaptation** balances bright and dark areas, preserving local details.

**Sharper Edge Definition** enhances edges for clearer target separation.



## BUILT-IN LENS LRF FOR STABLE OPTICS



**ROBUST AND BRIGHT  
LENS DESIGN**

Compared to irregular LRF cuts, the linear "bar-style" design preserves a common riflescope look with a smaller cross-section, increases light intake for greater clarity, and improves impact resistance to reduce lens damage.



**LONG-DISTANCE RANGING  
WITH BALLISTICS SUPPORT**



Ballistic Calculation



Picture-in-Picture



## INTUITIVE CONTROLS FOR EFFORTLESS OPERATION



**ONE-TO-ONE KNOB  
OPERATION**



**EASY LEVER  
ADJUSTMENT**

Eyepiece and optional objective lens adjustment levers make magnification adjustments effortless, providing smooth and precise lens control.



## RELIABLE PERFORMANCE



**DUAL BATTERY SYSTEM  
FOR 6.5 HOURS RUNTIME**



**EXTENDED DETECTION  
DISTANCE**

