



LEAP L12 R

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	3100 m
Display Specifications	Type	AMOLED
	Resolution, pixels	2560×2560
Laser Rangefinding	Max. Measuring Range	1200 m
	Measurement Accuracy	±1 m
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	-20 ~ +50 °C
	Dimensions	395×97×85 mm
	Weight	1356 g
Connections and Compatibilities	Battery Type	18650
	Wi-Fi	√
	Operating Time on Battery Pack (at t=25°C)	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

 @RIX Optics Europe

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LEAP

L12R

SPOT BEFORE THE SHOT



1280×1024
THERMAL SENSOR



1.03" ROUND
AMOLED DISPLAY



CONTINUOUS
OPTICAL ZOOM

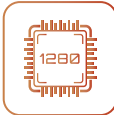


BALLISTIC
CALCULATOR



 eu.rixoptics.com

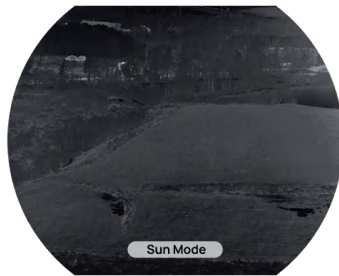
HIGH-END THERMAL SENSOR FOR SUPERIOR IMAGE QUALITY

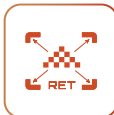
 **SHARPER IMAGING
GREATER DETAIL**

1280×1024
Thermal Sensor
NETD<15 mK
F1.0/60 mm Lens
60 Hz Frame Rate

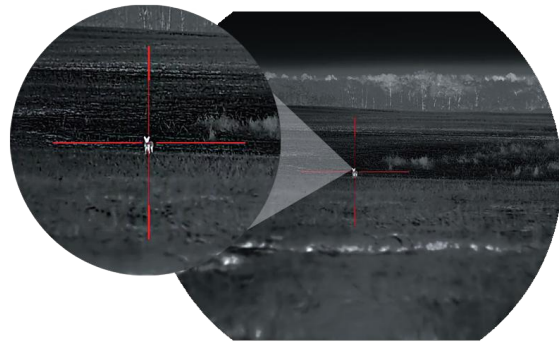


 **CLARITY IN HIGH
HUMIDITY**



 **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.

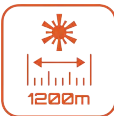


BUILT-IN LENS LRF FOR STABLE OPTICS



 **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**

