



LN-TRS35-LRF (3.5-14x) & LN-TRS55-LRF (5.5-22x)

LONG RANGE THERMAL RIFLESCOPES
WITH BUILT-IN LASER RANGEFINDER

THERMAL IMAGING

- INTEGRATED 700M LASER RANGEFINDER
- OPTICAL MAGNIFICATION 3.5X (5.5X ON LN-TRS55-LRF) LN-TRS35-LRF (3.5-14x)
- DIGITAL ZOOM 2X AND 4X
- DETECTION RANGE 1200M (LN-TRS35-LRF) OR 1700M (LN-TRS55-LRF)
- RECOIL RESISTANT ON UP TO .300WIN MAGNUM CALIBER
- 5 TYPES OF AIMING RETICLES WITH 6 SELECTABLE RETICLE COLORS (PLUS RETICLE OFF MODE)
- BLACK HOT / WHITE HOT AND 9 COLORS PALETTES IMAGE COLOR INVERSION
- SHUTTER-FREE TECHNOLOGY
- POSSIBILITY TO USE EXTERNAL POWER SOURCE (12V)
- MANUAL ADJUSTMENT OF SENSOR AMPLIFICATION (MANUAL GAIN CONTROL) AND MICRO DISPLAY BRIGHTNESS
- COMPACT AND LIGHTWEIGHT
- VARIOUS MOUNTING SYSTEMS AVAILABLE
- SIMPLE AND RELIABLE SYSTEM WITH CLASSIC MECHANICAL SWITCHES ELIMINATES THE COMPLEXITY OF DIGITAL MENU BUTTONS ALLOWING FOR PRECISE AND EASY ADJUSTMENTS IN THE FIELD
- COMPREHENSIVE EYE RELIEF



OUR NEW SHUTTER-FREE TECHNOLOGY THERMAL IMAGING SIGHTS LN-TRS35-LRF (LN-TRS55-LRF) ARE INTENDED TO BE USED FOR OBSERVATION, SEARCH, DETECTION AND SHOOTING IN A GREAT VARIETY OF AMBIENT CONDITIONS (DAYLIGHT, TWILIGHT, NIGHTTIME) AS WELL AS LIMITED VISIBILITY (FOG, SNOW, RAIN ETC.). IT ALLOWS DETECTION OF MOVING AND STILL OBJECTS, WHICH HAVE TEMPERATURE CONTRASTING WITH ENVIRONMENT, (PEOPLE, ANIMALS, BUILDINGS, VEHICLES, ETC.) THE SIGHT ALLOWS PRECISE AIMING WITH THE BUILT-IN MULTIPLE SELECTION OF RETICLES AND COLORS, AS WELL AS INDUSTRY-FIRST ACCURATE DISTANCE MEASURING WITH THE USE OF INTEGRATED LASER RANGEFINDER, ALLOWING FOR PRECISE SHOT PLACEMENT IN CONDITIONS WHERE OTHER OPTICAL SIGHTS, INCLUDING TRADITIONAL NIGHT VISION SIGHTS ARE NOT ABLE TO FUNCTION WELL. ANOTHER UNIQUE FEATURES OF THESE SIGHTS ARE THE ABILITY TO ADJUST THE SENSOR GAIN QUICKLY, ALLOWING TO SEE MORE CLEARLY BEHIND THE TARGET IN A VARIETY OF ATMOSPHERIC CONDITIONS (HIGH HUMIDITY ETC.) AS WELL AS THE MOST USER-FRIENDLY CONTROLS, WHICH RELY ON COMBINATION OF CLASSICAL MECHANICAL SWITCHES AND TURRETS AND JUST A FEW PUSH BUTTONS, ALLOWING FOR VERY QUICK LEARNING PROCESS AND EASY AND COMFORTABLE FIELD USE, EVEN WITH GLOVES. EACH SIGHT UNDERGOES RIGOROUS TESTING FOR THE SHOCK LEVELS ALLOWING IT TO BE USED ON MOST POPULAR HUNTING CALIBERS UP TO AND INCLUDING .300WIN MAG.

Technical Specifications on reverse side of this page.



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THERMAL IMAGING

LN-TRS35-LRF (3.5-14x) & LN-TRS55-LRF (5.5-22x)

- SENSOR, ARRAY FORMAT / PIXEL PITCH 384 x 288 / 17 μ M SHUTTER-FREE
- OBJECTIVE FOCAL LENGTH, MM F50 (F75)
- MAGNIFICATION 3.5x (5.5x)
- DIGITAL ZOOM 2x, 4x
- FIELD OF VIEW 9.3°x7° (7.1°x5.3°)
- DIOPTR ADJUSTMENT ± 4
- EYE RELIEF DISTANCE 55MM
- SPECTRAL RESPONSE 8-14
- FRAME RATE 50HZ
- PALETTE INVERT BLACK HOT / WHITE HOT PLUS 9 COLORS
- POWER SUPPLY (TYPE OF BATTERIES) 6V / 2xCR123A
- OPERATING TIME (AT 20°C) 3.5HRS
- OPERATING TEMPERATURE RANGE, °C -20 / +50
- DETECTION RANGE (OBJECT 0.5x 1.8M) MIN 1200M (1700M)
- BUILT-IN NIGHT RANGEFINDER, MEASUREMENT RANGE/ACCURACY, M UP TO 700/ ± 1
- MAXIMUM IMPACT LOAD, G 600
- RECTICLE COLOR OPTIONS 6
- QUANTITY INSTALLED RETICLE MARKS 5
- QUANTITY USER MEMORY SETTINGS 5
- DEGREE OF PROTECTION ACCORDING TO IEC 60529 (BY SPECIAL ORDER) IPX5 (IPX7)
- DIMENSIONS, MM 240 x 90 x 81 (295 x 101 x 114)
- WEIGHT, KG 0.85 (1.5)



LN-TRS35-LRF (3.5-14x)



LN-TRS55-LRF (5.5-22x)

To see our full line of products,
please visit our website:
www.lunaoptics.com

SS-LN-TRS35-TRS55-LRF-REV1-JULY2017

QUALITY YOU CAN SEE...EVEN IN THE DARK.®