

THERMAL IMAGING

- INTEGRATED 700M OR 1200M LASER RANGEFINDER (MODEL LN-TCL1-LRF ONLY)
- OPTICAL MAGNIFICATION 1X
- DIGITAL ZOOM 2X AND 4X
- DETECTION RANGE 1200M
- RECOIL RESISTANT ON UP TO .300WIN MAGNUM CALIBER
- OLED DISPLAY WITH BRIGHTNESS CONTROL
- BLACK HOT / WHITE HOT IMAGE COLOR INVERSION + 9 COLOR PALETTES
- 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 INCLUDING DIRECT MOUNTING TO THE FRONT OBJECTIVE LENS, OR MOUNTING TO THE RAILS
- SIMPLE AND RELIABLE SYSTEM WITH CLASSIC MECHANICAL SWITCHES ELIMINATES THE COMPLEXITY OF DIGITAL MENU BUTTONS ALLOWING FOR PRECISE AND EASY ADJUSTMENTS IN THE FIELD



OUR NEW SHUTTER-FREE TECHNOLOGY THERMAL IMAGING CLIP-ON SYSTEMS LN-TCL1 AND LN-TCL1-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 UNIT COMBINES THERMAL MONOCULAR WITH USERS' OWN DAYLIGHT OPTICAL INSTRUMENT, SUCH AS RIFLESCOPE OR BINOCULARS TO CREATE A SYSTEM CAPABLE OF DETECTION DAY AND NIGHT. MODEL LN-TCL1-LRF OFFERS INDUSTRY-FIRST ACCURATE DISTANCE MEASURING WITH THE USE OF INTEGRATED LASER RANGEFINDER. ANOTHER UNIQUE FEATURES OF THESE SYSTEMS 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 SYSTEM 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.

THERMAL IMAGING

LN-TCL1 & LN-TCL1-LRF

- SENSOR, ARRAY FORMAT / PIXEL PITCH: 384 x 288 / 17 μ m, SHUTTER-FREE
- MICRO-DISPLAY: OLED 800X600
- OBJECTIVE FOCAL LENGTH, MM: F50 (1:1.0)
- MAGNIFICATION: 1X
- FIELD OF VIEW: 7.5°x5.6°
- SPECTRAL RESPONSE: 8-14
- FRAME RATE: 50HZ
- PALETTE INVERT: BLACK HOT / WHITE HOT + 9 COLOR VARIANTS
- POWER SUPPLY (TYPE OF BATTERIES): 6V / 2xCR123A
- OPERATING TIME (AT 20°C): 3HRS
- OPERATING TEMPERATURE RANGE, °C: -20 TO +50
- DETECTION RANGE (OBJECT 0.5 x 1.8M): 1200M
- BUILT-IN NIGHT RANGEFINDER, MEASUREMENT RANGE/ACCURACY, M:
..... UP TO 700/ \pm 1 OR 1200M/ \pm 2
- MAXIMUM IMPACT LOAD, G: 600
- QUANTITY USER MEMORY SETTINGS: 5
- DEGREE OF PROTECTION ACCORDING TO IEC 60529 (CUSTOM ORDER): IPX5 (IPX7)
- DIMENSIONS, MM: 209 x 81 x 81 (295 x 101 x 114)
- WEIGHT, KG: 0.78



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

LN-TCL1-AND-LN-TCL1-LRF-REVO-JULY2017

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