



L3HARRIS™
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LWTS-LR

Light Weapon Thermal Sight - Long Range

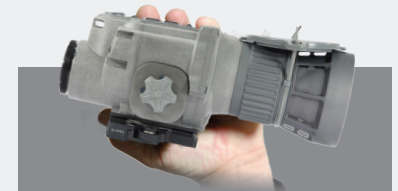
CHARACTERISTICS	
Dimensions	9.2 in. L x 3.64 in. W x 4.5 in. H
Weight	< 2.5 lb. (1.187 kg) with batteries
Battery Type	(4) AA Lithium-ion (1.5 V)
Battery Life	10 hrs. at 25 °C (77 °F)
Field-Of-View	7.4° (±0.5) horizontal (HFOV)
Magnification	2x with ½x (clip-on) and 4x digital zoom capability
Focus Range	5 m to infinity
Frame Rate	60 Hz display
Recognition After Detection	> 2,500 m in clear air

FEATURES

- > Expands clip-on thermal capability of LWTS across full spectrum of medium and heavy-caliber weapon platforms
- > Greater than 80 % improvement in Detection, Recognition, Identification (DRI) range relative to standard LWTS
- > Designed for use with various Direct View Optics (DVO) such as ACOG, M68, MDO, SDO and ELCAN
- > Leverages mission-proven 640 x 480 17 µm uncooled microbolometer technology (6,700+ LWTS delivered/fielded by U.S. Armed Forces)
- > RS-170 real-time video in/out for remote viewing
- > Integrated shutter for hands-free non-uniformity calibration
- > Ergonomically designed and easy-to-use controls for rapid adjustments
- > Less than two Minutes Of Angle (MOA) image shift retention in clip-on mode
- > Customizable five integrated ballistic weapon reticles boresightable to less than one MOA for use in stand-alone mode
- > Fully field-maintainable
- > Optional WPAN® wireless pod available



The L3Harris LWTS-LR is a next-gen long-range weapon-mounted thermal sight. The thermal imaging capability of the LWTS-LR allows for long-wave infrared observation and target identification under adverse conditions, including light rain, smoke, light snow and low light to total darkness. The LWTS-LR utilizes leading-edge 17 µm technology in a 640 x 480 uncooled microbolometer. The high-resolution display, combined with state-of-the-art image processing and electronics, provides exceptional imagery and long-mission run times on a single battery load.



Can be used as a long-range weapon-mounted or handheld stand-alone Thermal Sight with greater than 2,500 m detection range for sniper and reconnaissance missions

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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



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1025 W. NASA Boulevard
Melbourne, FL 32919
t 866 509 2040
Quotes.Insight@L3Harris.com