

# TO THE POINT INTERNATIONAL (Pty) Ltd



## LRTSR - Long Range Thermal Rifle Scope



The LRTSR is a thermal imaging rifle mounted scope designed for sniper applications.

The LRTSR is mounted on a picatinny rail on any weapon from a 7.62mm to a 14.5mm sniper rifle.

The purpose of the LRTSR is to enable the user to engage targets up to 700m in all weather conditions and with a 24/7 capability.

Boresighting of the system is quick and easy using the InSync borescope and alignment accuracy of 1MOA can be achieved in a few minutes using a mobile phone without firing a round.

An optional LRF can be integrated to provide the user with accurate range to target improving first round hit probability as well as quick change between target to be engaged.

### Main Features

- Uncooled thermal imager with 384 x 288 or 640 x 480 pixel resolution.
- Aiming mark can be customised to suit user.
- All ballistics are included in the scope and offsets are implemented automatically using manually adjusted system range.
- 75mm diameter objective for 3.8° FoV reducing system profile.
- System mass < 900g with IP66 protection.
- 12x magnification with 2x digital zoom giving 24x total magnification.
- Optional LRF for accurate automatic ballistic offset implementation.
- Standard picatinny weapon interface.
- Man sized target ID range > 700m and detection range >1100m
- Vehicle target ID range > 1600m and detection range >3300m
- Black/white hot selection.
- Optional eyepiece replacement for use in from of day scope.
- Up to 7 hours use with 18650 rechargeable battery.
- Optional video recording capability.

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