

Night/Day Thermal Reflex Optic

Hybrid Night Thermal Reticle (HNTR)

Thermal Reflex Optic

THALES
Building a future we can all trust

Hybrid Night Thermal Reticule (HNTR) **Standalone Thermal Reflex Optic**



Applications

DISMOUNTED SOLDIER/OPERATOR

Dismounted Soldier/Operator
Assault Rifles, Light/Heavy Machine Guns
(5.56, 7.62, 50 Caliber)
Compatible with Picatinny rail systems
(STANAG 4694)

KEY FEATURES

- > Enhanced close combat efficiency
Night and Day
- > Threat concealment defeat capability
- > Reflex targeting, both eyes opened, increasing situational awareness and reactivity
- > Immediate switch between different configurations according to environment and combat situation
- > Tactical situation adaptability (bright/dark environments, transition, smoke)
- > Soldier oriented ergonomics
- > Compatible with the use of Night Vision Goggles
 - Quick transition
 - Unique I²/ thermal fusion

Technical Specifications

Direct View Optics

- Eye Relief 90mm @14° Thermal HOV, fixed diopter
- Red dot reticle size 1.6MOA
- Magnification 1x
- High luminance OLED
- Window size 30x24mm

Thermal Channel

- New generation sensor with 12 micron pitch and 640x480 resolution
- Digital zoom 2x
- Horizontal field of view 14°
- NUC calibration not required for operation
- 3 thermal modes: Outline, Full-IR black-hot, Full-IR white-hot

Optical Magnifier (option)

- Magnification 3x

Weight < 1.2 pounds including batteries

Length < 6.7 inches

Power Management

- 2 CR123 batteries
- Run-Time >500h reticle >7h thermal

Functions

- Concealment defeat (IR/DVO fusion)
- Same commands to operate all functions
- Remote control, fixed on Picatinny rail, to operate while keeping both hands on the weapon
- Quickly switch reticles

IR Capability

- VGA 121m uncooled sensor
- Digital zoom X2
- Horizontal field of view 14°



Specifications are subject to change without notice.

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