



THALES

Thales Defense & Security, Inc.

2026 Products



22605 Gateway Center Drive
Clarksburg, MD 20871

CAGE Code 23386

Hybrid Night Thermal Reticle (HNTR®)

Night/Day Standalone Thermal Reflex Optic



Thales' HNTR® is an all-in-one day/night Thermal Holographic Weapon Sight that combines a red-dot holographic sight, thermal imager, and concealment defeat into a single, compact, and lightweight device.

Technical Specifications

Physical Parameters

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 121 m uncooled sensor

Digital zoom X2

Horizontal field of view 14°

Capabilities

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 thermal fusion
- > 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)
- > Compatible with magnifier

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Specifications are subject to change without notice.

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