HALO-C35 Clip-on Thermal Weapon Sight

35 mm objective · with Applied Ballistics®



The HALO-C35 is built for professionals who demand detailed thermal imaging in a compact package. Its 35 mm objective provides detection to 1,300+ meters and a 12.2° × 9.3° field of view, suited to medium-range shooting and observation.

The 2048×1536 OLED display with sub-4 µm pixel pitch delivers exceptional detail. Integrated Applied Ballistics® with a disturbed-reticle option provides on-device ballistic functionality, with ballistic information remaining legible through compatible day optics up to 30×.

Low-power Bluetooth connectivity supports compatible laser rangefinders, Kestrel, and Garmin devices. A rugged, waterproof molded-composite housing meeting or exceeding MIL-STD-810H requirements supports dependable performance in demanding environments.

Ultra-High 2K Display

Ultra-high 2K display resolution (2048 × 1536) with sub-4 µm pixel pitch for exceptional detail.

Works with Day Optics up to 30×

Works with high-magnification day sights up to 30×, keeping ballistic information legible even at the highest magnification settings.

Integrated Applied Ballistics

Built-in Applied Ballistics calculator with a disturbed-reticle option for advanced on-device ballistic functionality.

Seamless Connectivity

Low-power Bluetooth to compatible weapon-mountable laser rangefinders (Envision MARS, Wilcox RAPTAR Xe, Maztech X4-LRF), Applied Ballistics Kestrel wind/weather instruments and Ballistic Edition Garmin devices.

APPLICATIONS

Target Acquisition | Long-Range Precision | Surveillance | Reconnaissance | Dismounted Ops

RANGE PERFORMANCE

	STANDING MAN	VEHICLE
Detection range	1,363 m / 4,472 ft	2,844 m / 9,332 ft
Recognition range	479 m / 1,572 ft	1,125 m / 3,692 ft
Identification range	247 m / 810 ft	587 m / 1,925 ft

NOTE The DRI ranges presented in the specifications are conservative estimates. The real-life user experience can vary greatly.

THERMAL IMAGING

Sensor	640×512 uncooled VOx FPA
Pixel pitch	12 µm
Refresh rate	60 Hz
Spectral response	7.5–13.5 µm
Digital zoom	2× / 4× / 8×

OPTICS

Objective lens	35 mm
Field of view	12.2° × 9.3°
Optical magnification	1×

DISPLAY

Type	OLED, B&W
Resolution	2048 × 1536
Pixel pitch	3.8 µm × 3.8 µm

BALLISTICS & CONNECTIVITY*

Calculator	Built-in Applied Ballistics + disturbed reticle
Kestrel	5700 / 5700x
Garmin	Tactix Delta/7 · Foretrex 701/901
Envision	MARS WMLRF
Wilcox	RAPTAR Xe WMLRF
Maztech	X4-LRF

POWER

Batteries	2× 18650 or 4× CR123

MOUNT & PHYSICAL

Mount	MIL-STD-1913 QR, single lever
Optical axis height	1.54" / 39 mm
Weight	790 g / 27.9 oz
Size	6.46 × 3.62 × 3.07 in / 164 × 92 × 78 mm

ENVIRONMENT

Standard	MIL-STD-810H
Housing	Waterproof · Black

** N-Vision Optics constantly adds to the list of compatible devices.*

This equipment is export controlled and subject to the jurisdiction of the ITAR (22 CFR 120-130).
Specifications subject to change without notice.

N-VISION OPTICS

220-26 Reservoir Street, Needham, MA 02494 USA
+1 781 505 8360 · info@nvisionoptics.com · www.nvisionoptics.com

APPLIED BALLISTICS