

NOX35

Multi- Purpose Thermal Monocular

ABOUT

Nox by N-Vision Optics is a small 12-micron 60 Hz fully functional thermal weapon sight that can serve double duty as a head-mounted monocular or a scanner.

Nox features a manual focus, non-rotating wide field of view 35mm F1.1 Germanium Lens to provide the best image quality in any weather conditions. Its solid mechanical design ensures zero retention throughout the adjustment range and is highly recoil resistant.

Weapon and dovetail mounts are removable to reduce the unit's size and weight to help achieve optimal NOX configuration.

Nox's five ergonomic control buttons permit immediate access to calibration, polarity, zoom, photo, power, and user-friendly menu system for zeroing and customizing device parameters. The dedicated calibration button gives the user ability to calibrate the unit with one hand in under one second.

SPECIFICATIONS

Sensor Pixel Pitch	12 um
Resolution	640 x 480
Refresh Rate	60 Hz
Lens	35mm F1.1
Focus	Manual, non-rotating
Field of View	12.2(H) x 9.3(V); 15.1 (diagonal)
Digital Zoom	1x/2x/4x/8x
Display Type	OLED 640x480 B&W
Power	One CR123 or one 18650
Remote power	USB 5.0V
External connector	Waterproof USB-C
Calibration (NUC)	Manual
Weight, CR123 Battery	479 g / 16.9 oz (w/o weapon mount) 547 g / 19.3 oz (w/ weapon mount)
Weight, 18650 Battery	530 g / 18.7 oz (w/o weapon mount) 595 g / 21.0 oz (w/ weapon mount)
Size (w/o weapon mount)	127 x 74 x 61 mm 6.8 x 2.9 x 2.4 inches
Size(w/ weapon mount)	163 x 74 x 61 mm 6.8 x 2.9 x 3.0 inches
Detection range	1.3 km / 1,491 yards
Recognition range	480 m / 524 yards
Identification range	246 m / 270 yards

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



FEATURES

- > This unique product is proudly designed and built in the USA, using the best commercially available BAE thermal imaging cores and the highest grade optical components.
- > Nox can be user-configured for the right or left eye, dual-mounted with another Nox, or with a night vision monocular, such as PVS-14
- > Solid mechanical design ensures zero retention throughout the adjustment range and is highly recoil resistant.
- > Each NOX ships with a standard CR123 battery and a rechargeable 18650 battery (and charger). Depending on ambient temperature, you can expect up to an hour and a half of run time with a standard CR123 battery and from four to seven plus hours on the rechargeable 18650 battery. For the ultimate power solution, Nox can be powered with an external USB battery bank via the provided USB-C cable.

