

WS 2150-II 6X Gen II WS 2150-III 6X Gen III

*Weapon Sights and
Weapons that meet
their match*



Aquila III Low Profile Night Vision Weapon Sight

The Northrop Grumman WS 2150-II 6X and the WS 2150-III 6X Aquila night vision weapon sights are an upgraded design of the highly successful low profile AN/PVS-12/12A sight. Gen II and Gen III image tubes can be used interchangeably in the Aquila weapon sights depending upon user requirements.

The night vision performance of the Aquila 6X matches the range of both individual and crew served 5.56 weapons as well as most 7.62mm weapons. Aquila is constructed from proven high strength aluminum alloy and is designed to survive the typical rugged military use and environments. Except for the optical elements, all external surfaces are a non-reflective matte black finish.

Controls and adjustments are simple and easy to operate and include; power ON/OFF switch, reticle brightness, eyepiece focus, range (distance) focus, plus windage and elevation adjustment. The reticle brightness knob varies reticle from off to full bright. Eyepiece focus provides + 2 to - 6 diopter correction. Range focus permits user to adjust for best focus at close distances of 25 meters to infinity. Both the windage and elevation adjustments are 0.2 mR per click.

Aquila III 6X is designed to use 2 standard AA batteries that provide more than 60 hours continuous operation under normal operating temperature conditions.

Aquila III WS 2150-II Gen II 6X Aquila III WS 2150-III Gen III 6X



Mounted on SAW



Aquila III WS 2150-II 6X

APPLICATIONS

The Aquila 6X was developed primarily for use on 7.62 caliber weapons and has been fully qualified to meet the typical military operating conditions. Weapon mounts are available for most known weapons but must be specified at time of contract.

Different variants of the Aquila 6X give us the ability to provide a wide range of image intensifier configurations. This flexibility allows the customer to tailor the performance level of the night sight to fit his budget. The Aquila 6X -Gen III and Gen II can be configured with image intensifier tubes compliant with the US Department of State Figure of Merit (FOM) guidelines for export outside of NATO.

WEAPON MOUNTS AVAILABLE

- Weapon with MIL-STD-1913, Picatinney, or Weaver type rail
- M16 rifles with carrying handle
- Weapons with STANAG 2424 Interface
- H&K G3
- M14 Rifle
- M24 Sniper Rifle

Notes: 1. Other weapon mounting available on request
2. Weapon mount must be specified at time of contract

SYSTEM SPECIFICATIONS

OPTICAL

Magnification	6X
Field of View (Degrees)	5.7
Focus Range	25 m to infinity
Eye piece Focus	+2 to -5 diopters
Eye Relief	30 mm
Exit Pupil	7.5 mm

OPERATION

Image Tube	18mm Gen III
Reticle Brightness	Manual Control Knob
Windage & Elevation Adjustments	±15 mrad reticle travel
	Elev in 1 min increments
	Windage in 0.5 min increments

ELECTRICAL

Power supply:	2 ea "AA"
	Alkaline batteries
Battery Life	40 hrs @ 20° C

ENVIRONMENTAL

Operating Temp	-20 to +49° C
Storage Temp	-40 to +55° C

MECHANICAL

Length (w/o eyecup)	317 mm
Width (Incl. Controls & adjustments)	107 mm
Height (w/o mount adapter)	107 mm
Weight (w/batteries, w/o mount adapter)	1.9 Kg

For more information, please contact:

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