

Expand
Your Sight⁺



NiteSpot50 Clip-on Night Sight

- + Adds night vision capability to a variety of observation systems
- + Battlefield-tested
- + Unaltered line of sight
- + Easy mounting



vectronix 

NiteSpot50

Clip-On Night Sight



front view



back view

“Besides crystal clear optics, the remote control enables an increased hit rate. The easy and quick mount allows faster readiness for action. With its low line of sight, NiteSpot50 is enhancing soldier’s survivability in all kind of operations. NiteSpot50 should be the essential part of today’s sniper gear.”

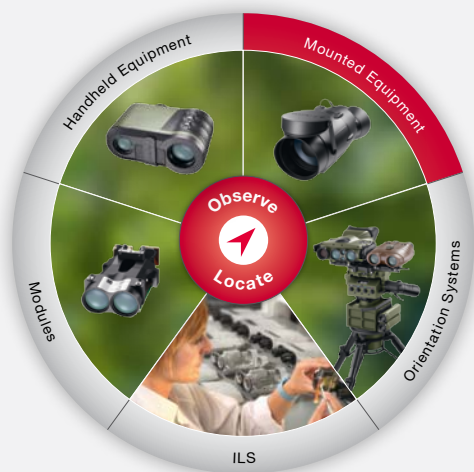
➤ a sniper (references on file)

Adds night vision capability

Vectronix NiteSpot50 adds night vision capability to a variety of sighting and observation systems. This image intensification device easily attaches to the front of a day sight objective and can be quickly removed when not in use. Because NiteSpot50 does not affect the optical alignment of the day sight, no re-adjustment/boresighting is needed when changing between day and night-time operation.

Battlefield-tested

NiteSpot50 has been battlefield tested by snipers and marksmen from around the world. Military and security forces from the US, Europe, the Middle East, the Far East, and Africa include the night vision device in mission-critical equipment kits. NiteSpot50 is also an integral part of UN and peace keeping missions.



Observe and Locate – Day and Night

Vectronix is a global leader in state-of-the-art optronic equipment, systems and sensors for military and civil applications. Nearly 90 years of Swiss tradition and excellence in optics and precision engineering are reflected in our products – handheld laser rangefinders and night vision devices, tripod-mounted orientation and positioning systems and sensor modules for our OEM partners. Our pride is to offer our customers accurate, reliable, high quality products with combat-proven low failure rate. We possess the flexibility to address specific customer requirements, create customized solutions and provide support over the complete product life cycle. Headquartered in Heerbrugg, Switzerland, Vectronix AG is owned by Sagem (Safran group) and maintains two subsidiaries with four branches in the US.

Designed to perform



Unaltered scope position

The sleek, lightweight, ruggedized design – with the eyepiece lower than the objective and a remote control – enables users to complete multiple mission profiles virtually undetected without sacrificing capability.



Easy mounting

NiteSpot50 can be equipped with a Picatinny rail adapter, which enables rapid mounting and dismounting from most weapons. Clip, lock ... and combat ready! Other types of mounting systems are available upon request.



Cabled remote control

Remain undetected by using the remote control.

- + High functionality and operation security
- + Increased shot accuracy
- + Operation flexibility
- + Maximum first round hit capability
- + Tactical superiority under multiple threats
- + Assured operational reliability



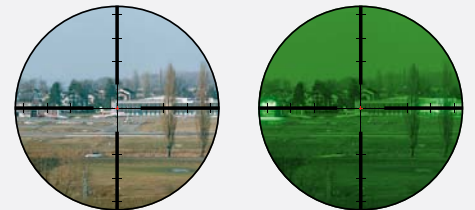
Quality control

NiteSpot50 is subject to stringent quality controls – ensuring easy operation, high durability and ruggedness (tested to MIL-STD-810).



Battlefield-tested

Today, over 70,000 Vectronix night vision devices are in use with Armed Forces around the world.



No re-adjustment needed

No re-adjustment / boresighting is needed when changing between day and night-time operation.

Accessories



Transport case

Protect your investment with the hard shell transport case. Perfect for foreign deployments.



Daylight filter

The daylight filter allows practicing in natural light conditions.



Stray light filter

No more objective reflection with the stray light filter.

Related Products



Pocket Laser Range Finder – Pocket Size Accuracy

Increase shot accuracy with the PLRF – a small, lightweight, and highly reliable handheld laser range finder. Maximum range up to 3,000 m. Single handed operation.

Technical Data

Optics

Magnification	1x
Focus range	50 m to infinity

Objective lens

Diameter	75.0 mm
Aperture	f / 1.17

I² tube

XR-5™

Other tubes available on request

Resolution	4.0 lp/mrad
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Performance

Recognition range	starlight (1 mlux) 720 m
	quarter moon (10 mlux) 1,000 m

Power Supply

Battery type	1x CR 123A lithium
Battery capacity (20°)	45 h

Environmental conditions, tested to MIL-STD-810

Operating temperature	-40 °C to +52 °C
Storage temperature	-45 °C to +63 °C (short time)
Humidity	95% RH @ +60 °C / + 30 °C
Immersion	1 m / ½ h

Physical

Dimensions (l x w x h)	272 mm x 100 mm x 100 mm
Weight (with battery)	1.25 kg
Mounting tolerance	±1°

For further specifications please refer to the product technical data sheet.



Find more portable solutions for defense and security under www.vectronix.ch

NiteSpot50 is subject to international export regulations and requires an export permit granted by the Swiss Secretariat for Economic Affairs (SECO).

Illustrations, descriptions and technical data are not binding and may be changed.

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